

PATENT APPLICATION



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

application of:

KONISHI, KENTARO, et al.

Appln. No.: 09/919,989

Group Art Unit: Not yet assigned

Confirmation No.: 6406

Examiner: Not yet assigned

Filed: July 30, 2001

For: TIME-SERIES DATA PROCESSING DEVICE AND METHOD

SUBMISSION OF FORMAL DRAWINGS

Commissioner for Patents
Washington, D.C. 20231

Sir:

Submitted herewith please find 73 sheet(s) of formal drawings. The Examiner is respectfully requested to acknowledge receipt of these formal drawings.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Richard C. Turner". It is written over a horizontal line.

Richard C. Turner
Registration No. 29,710

SUGHRUE, MION, ZINN,
MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860

Date: October 4, 2001

SEARCHED INDEXED
SERIALIZED FILED
JULY 1973

FIG. 1

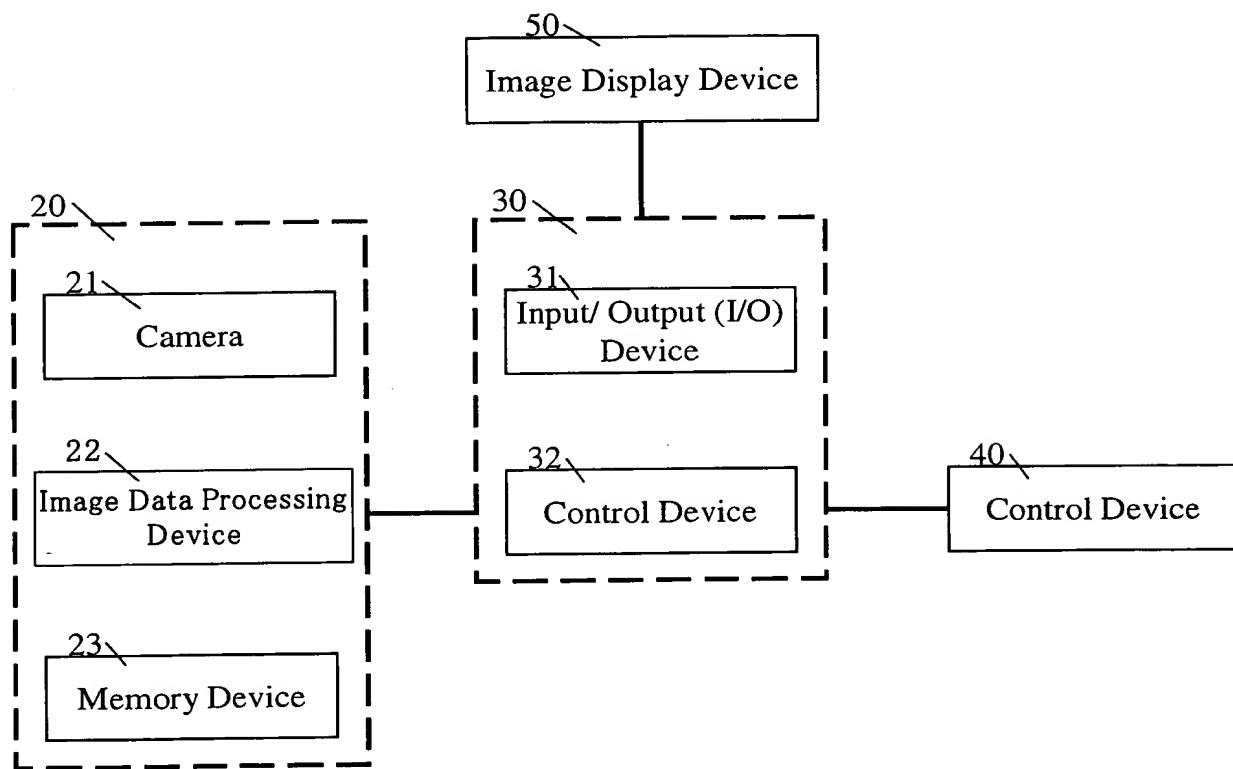


FIG. 2

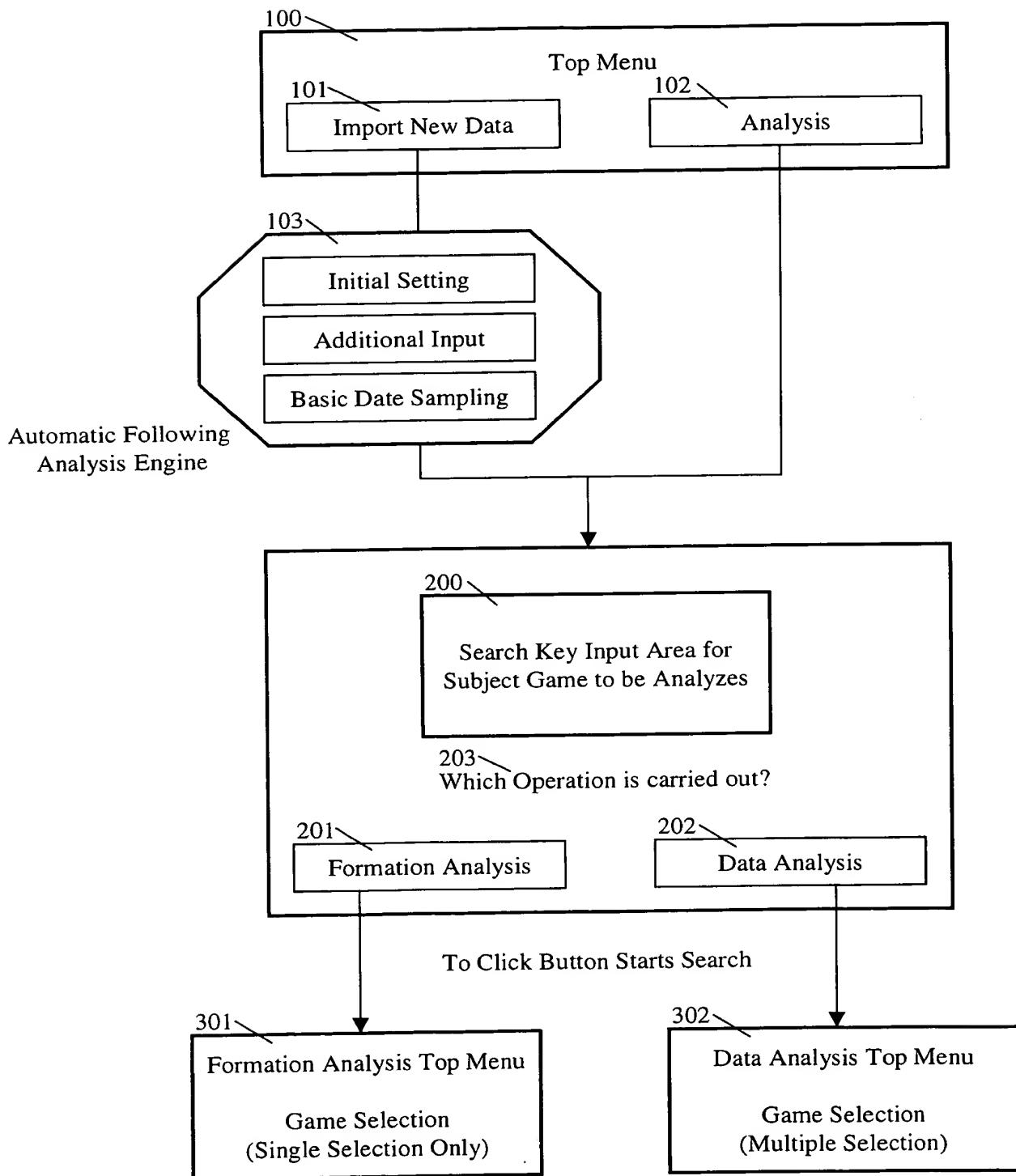
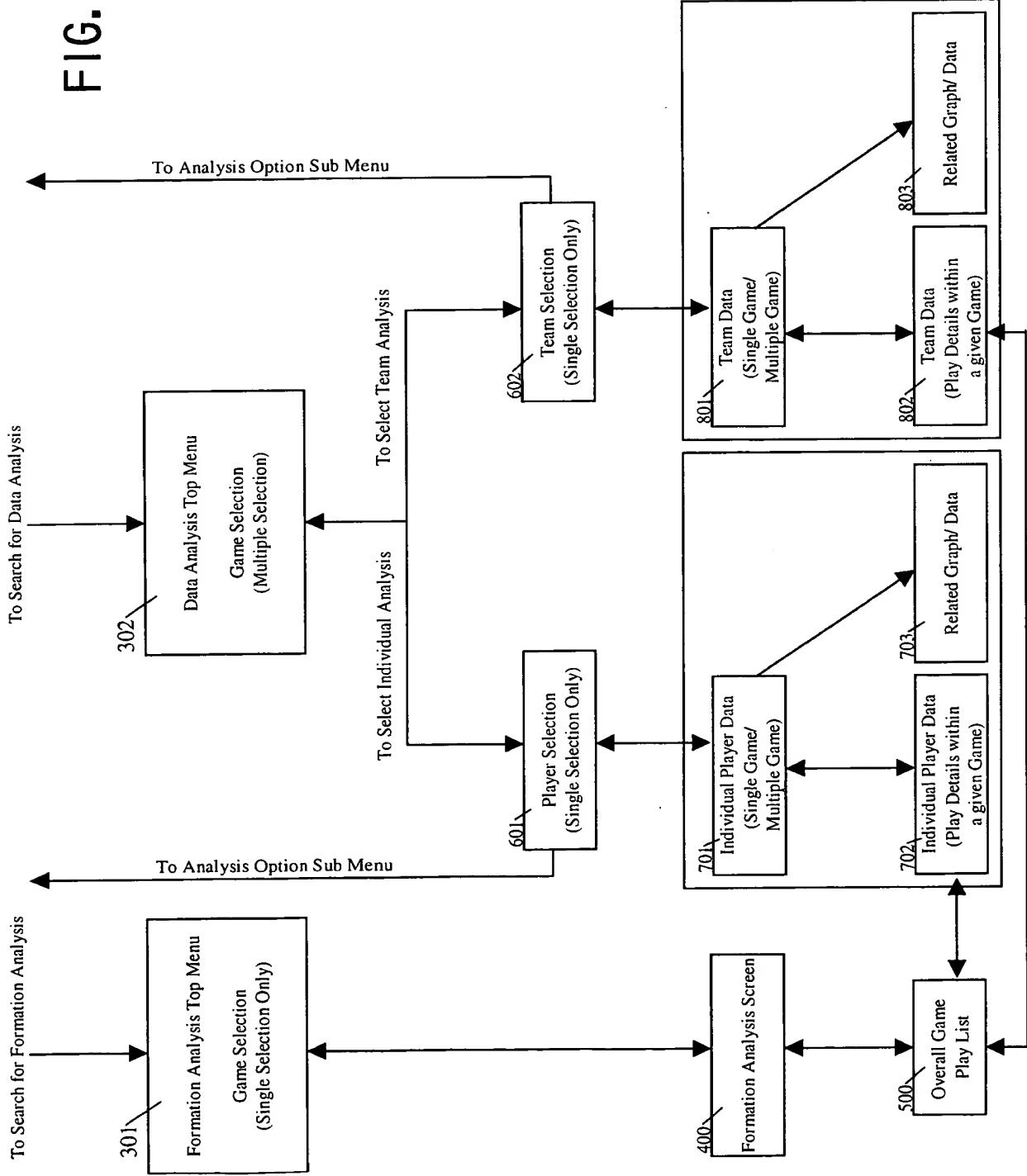


FIG. 3



4/73

FIG. 4

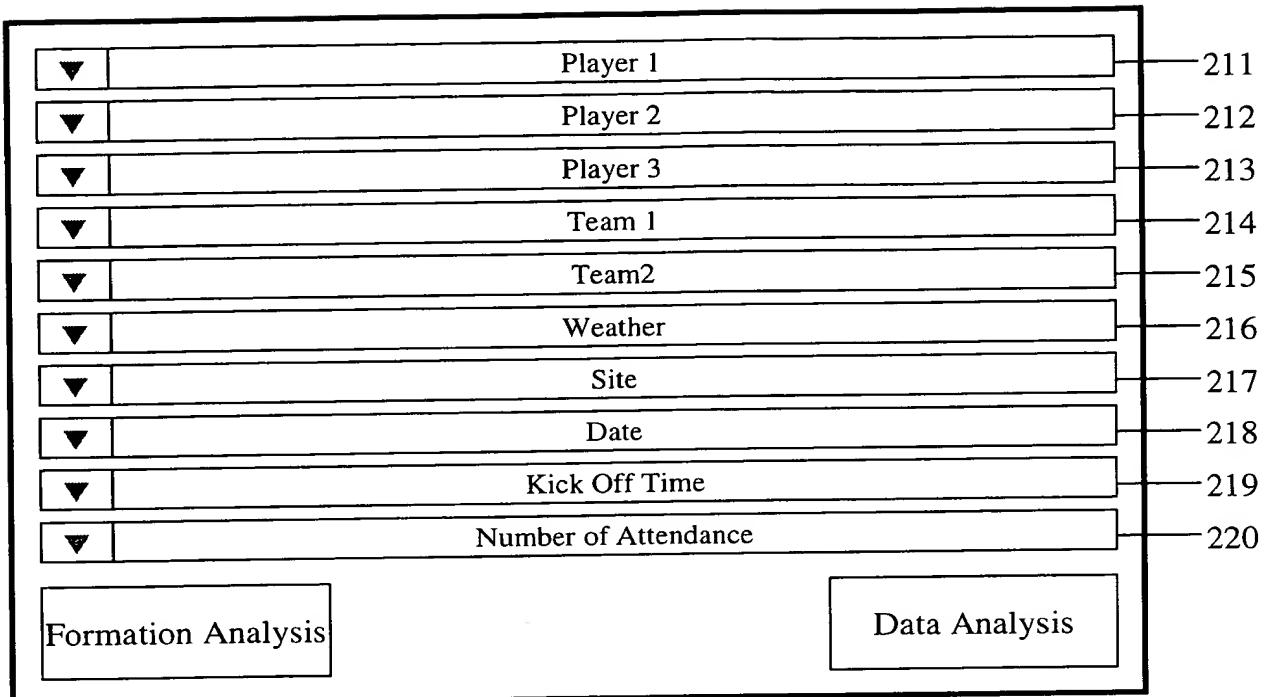


FIG. 5

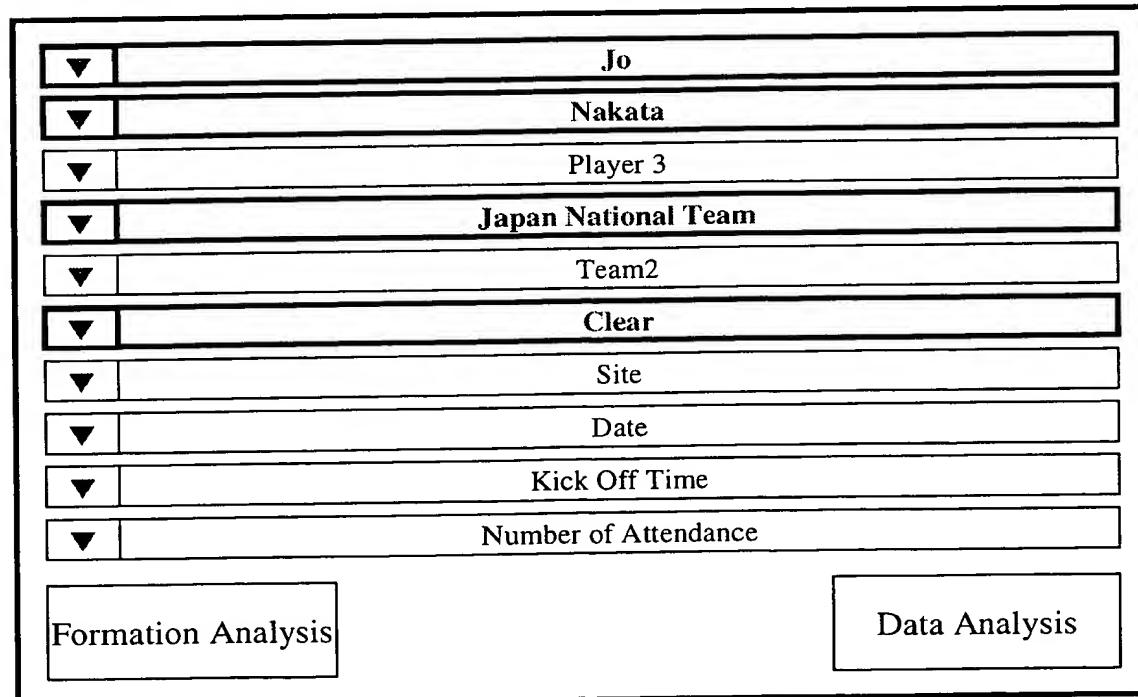


FIG. 6

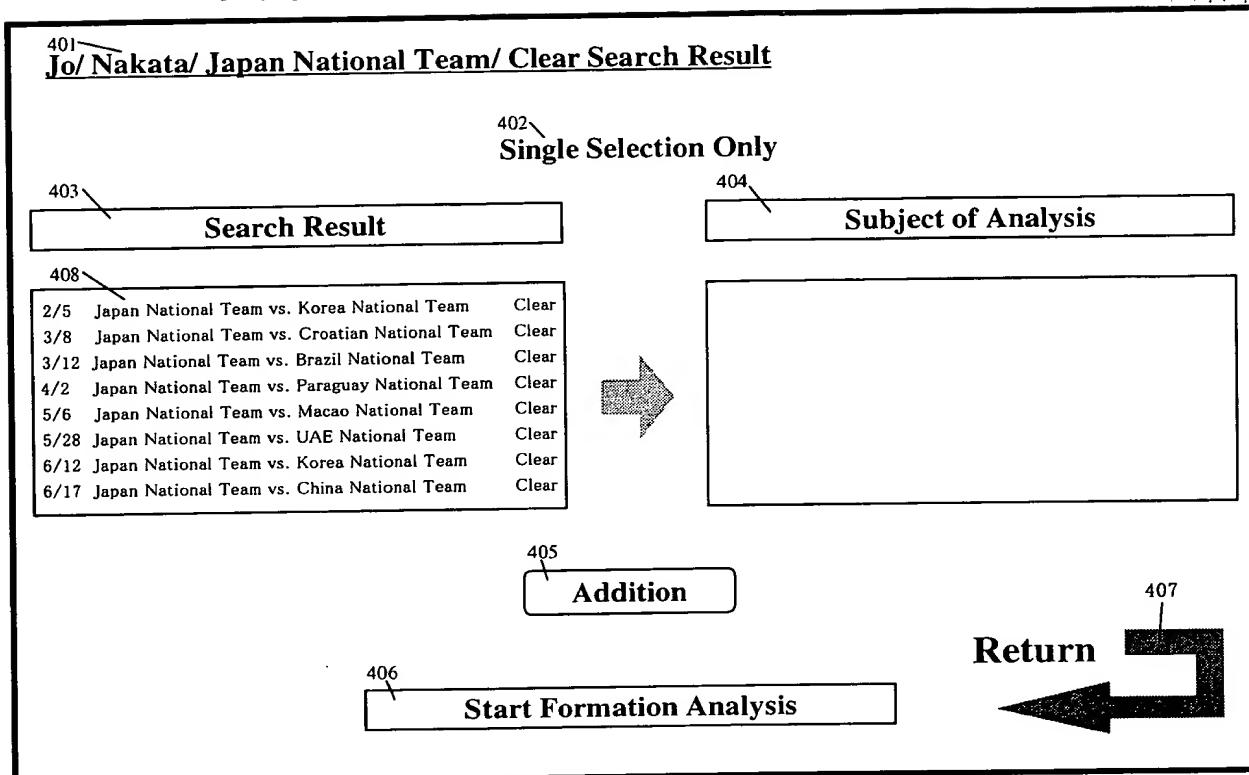
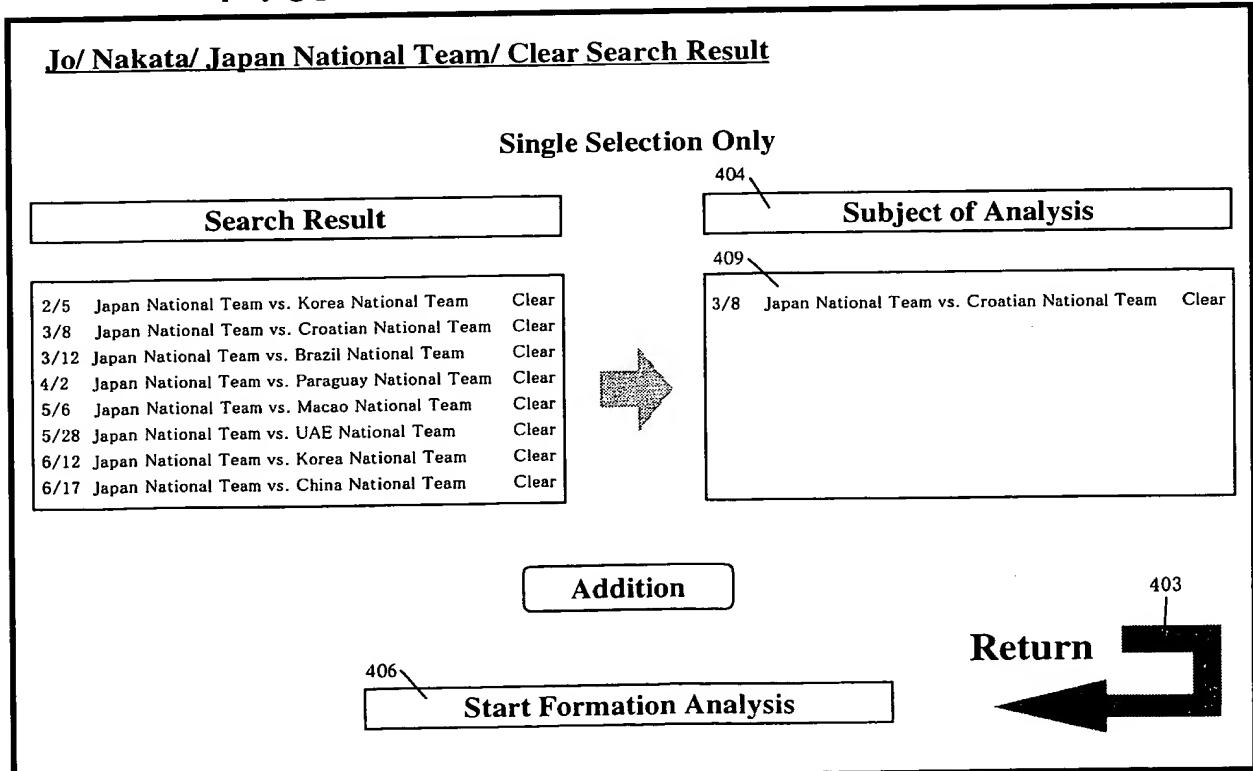


FIG. 7



6/73

FIG. 8

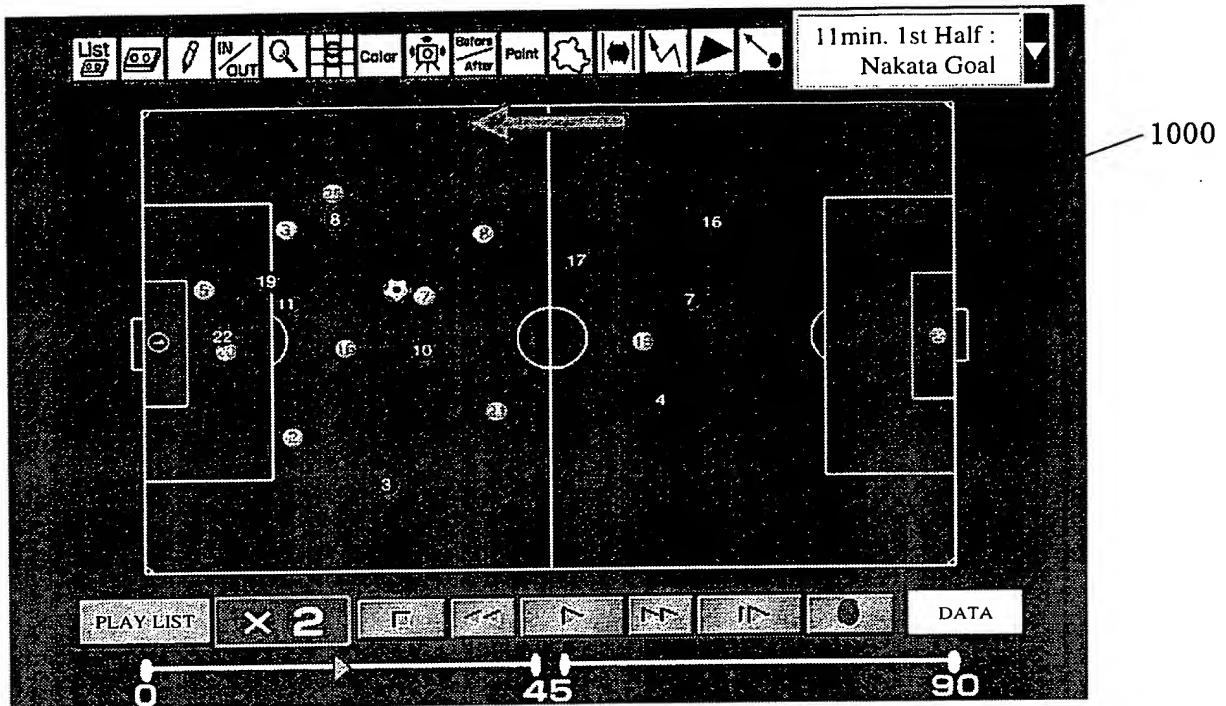


FIG. 9

Nakata					Kojima				
8					1				
21					32				
MF					GK				
0					0				
x	y	z	Play	Official Record	x	y	z	Play	Official Record
698	343	0	d		35	150	0		
698	343	0			35	150	0		
698	343	0			35	150	0		
698	343	0			35	150	0		
698	343	0			35	150	0		
699	343	0			35	150	0		
699	344	0			35	150	0		
699	345	0			35	150	0		
699	346	0			35	150	0		
699	347	0			35	150	0		
699	348	0	p		35	150	0		
700	349	0			35	150	0		
700	350	0			35	150	0		
700	350	0			35	150	0		
700	350	0			35	150	0		
700	350	0			35	150	0		
700	350	0			35	150	0		
701	350	0			35	150	0		
701	351	0			35	150	0		
701	352	0			35	150	0		
701	353	0			35	150	0		
701	354	0			35	150	0		
701	355	0			36	150	0		
701	355	0			37	150	0		
701	356	0			38	150	0		
701	356	0			39	150	0		
701	356	0			40	150	0		
701	356	0			40	150	0		
701	356	0			40	150	0		

FIG.10

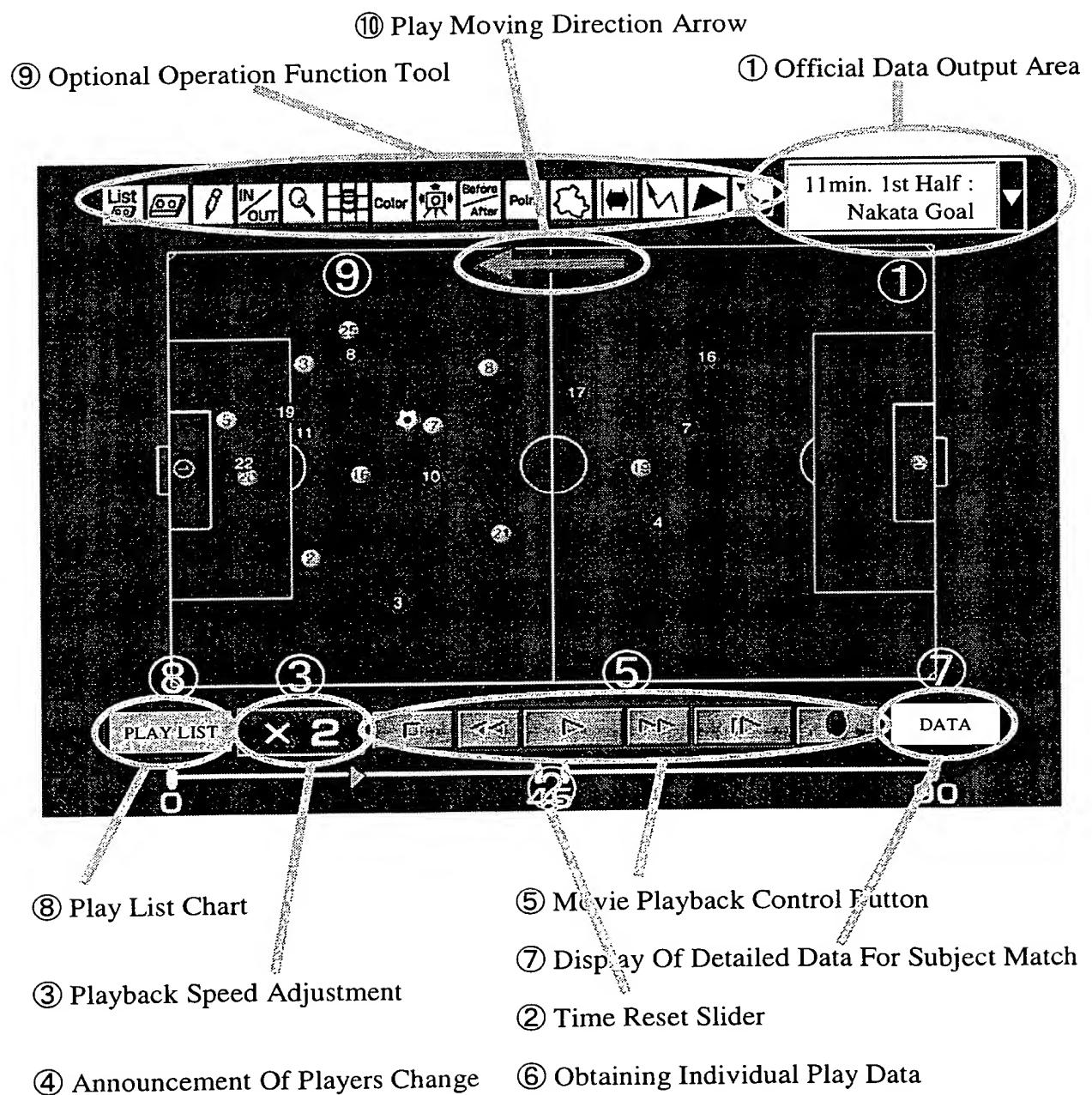


FIG. 11

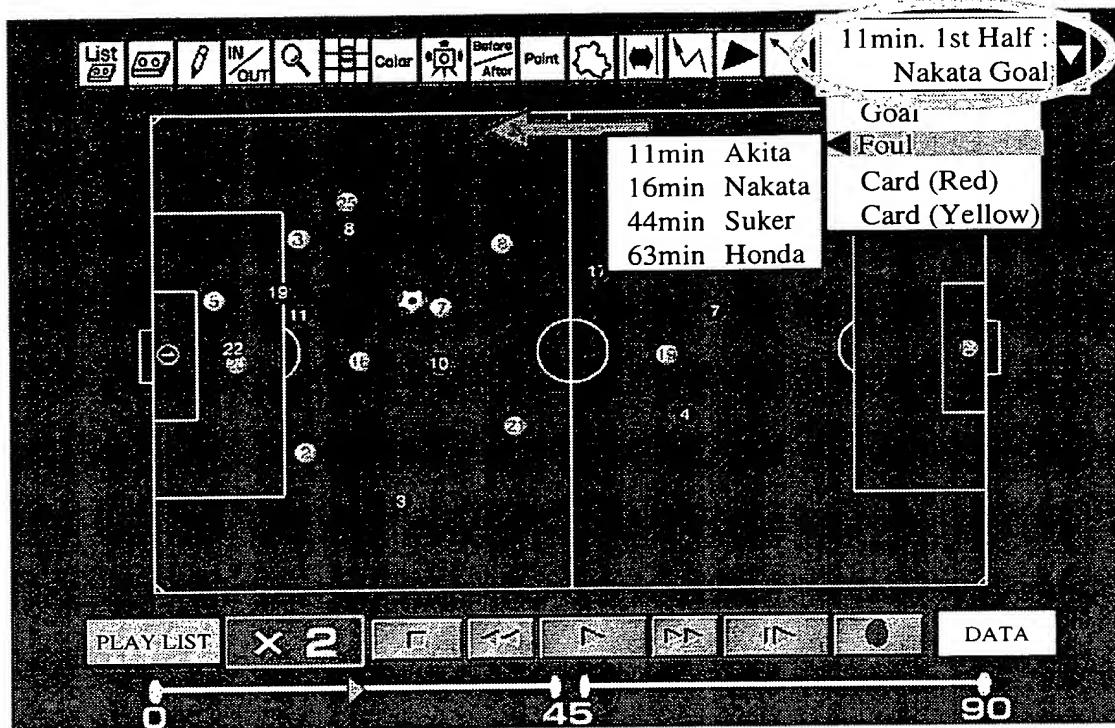
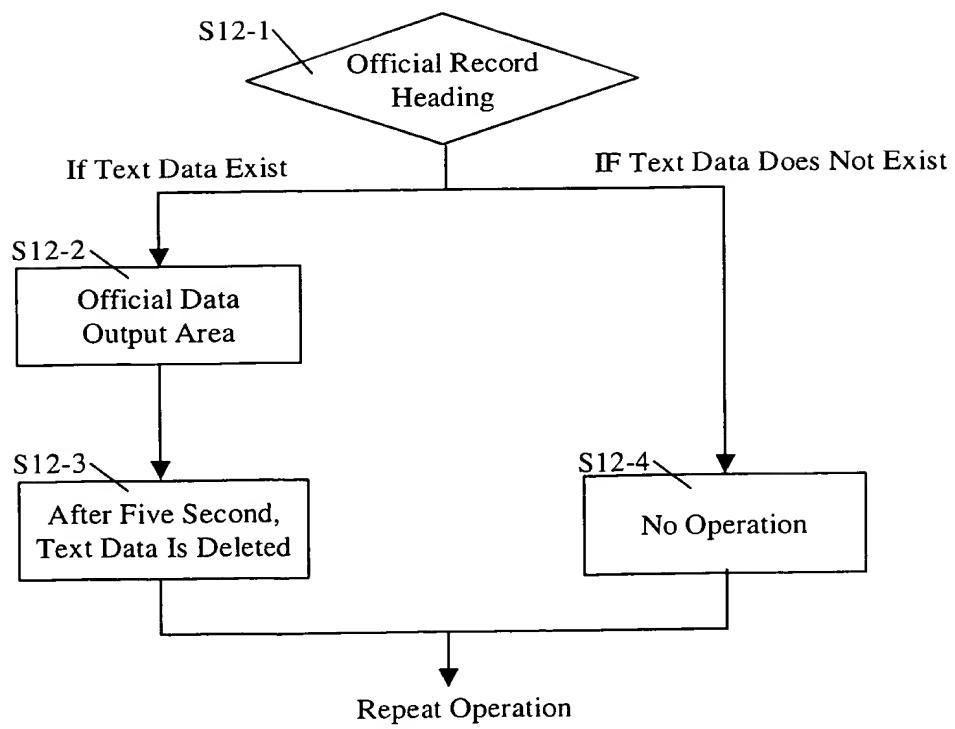


FIG. 12



9/73

FIG. 13

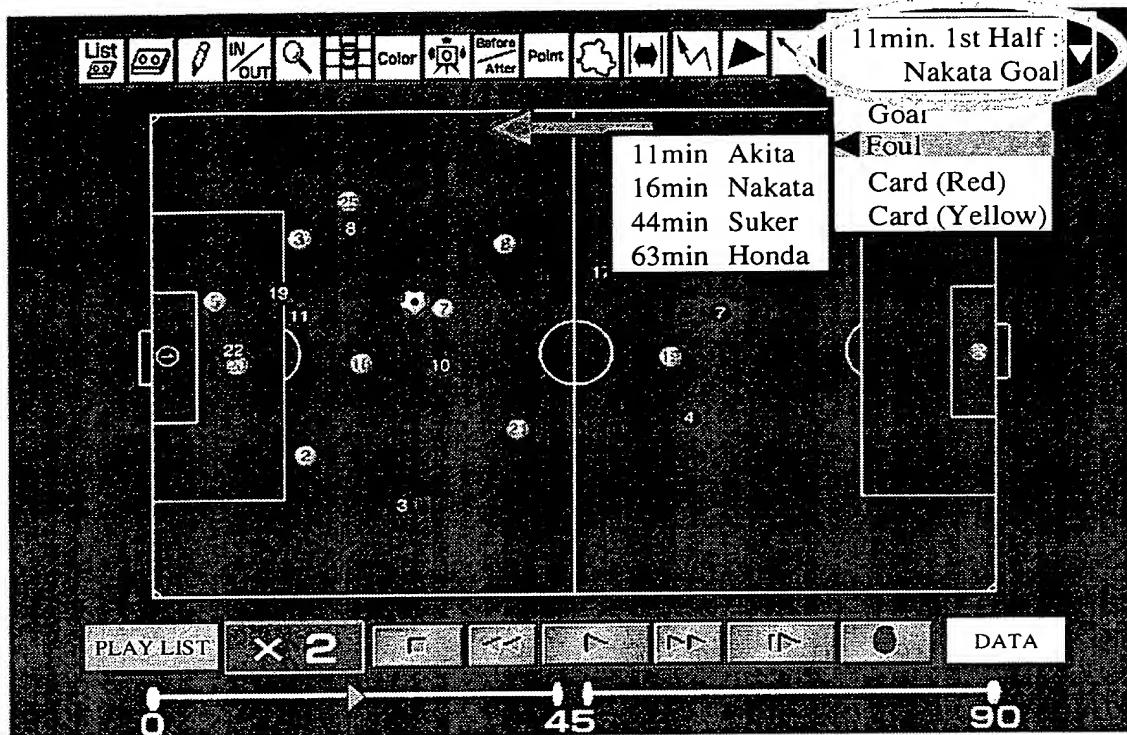
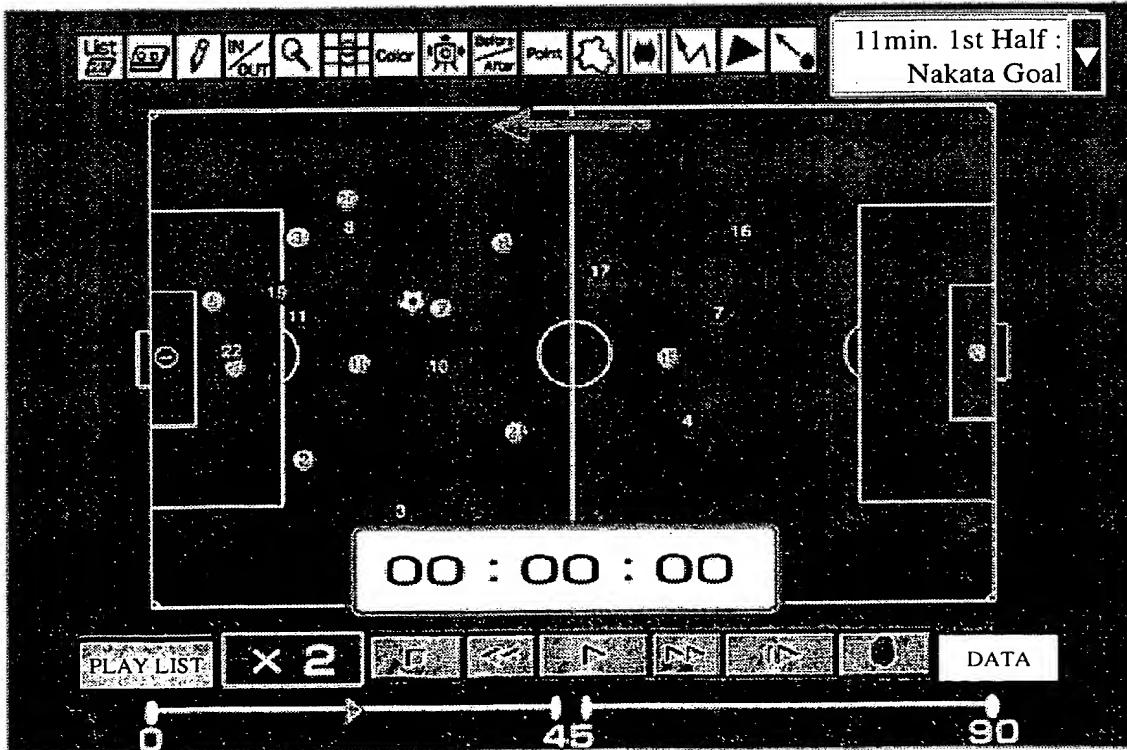


FIG. 14



10/73

FIG. 15

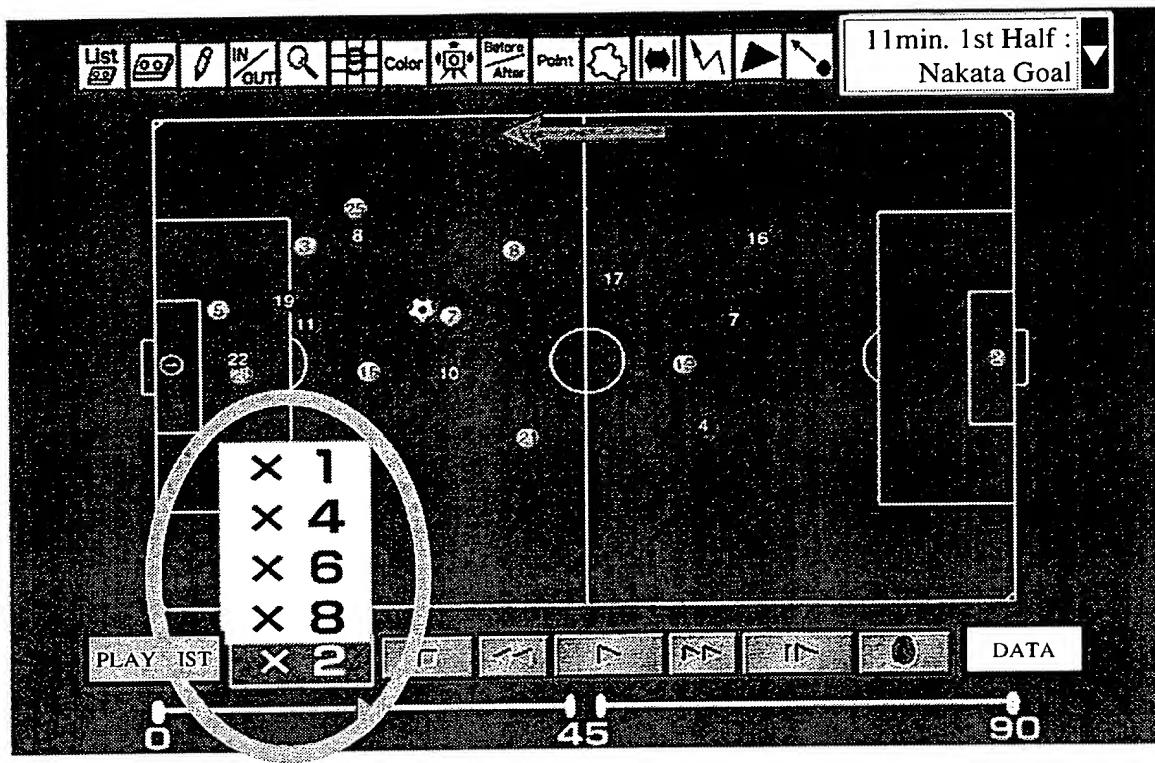
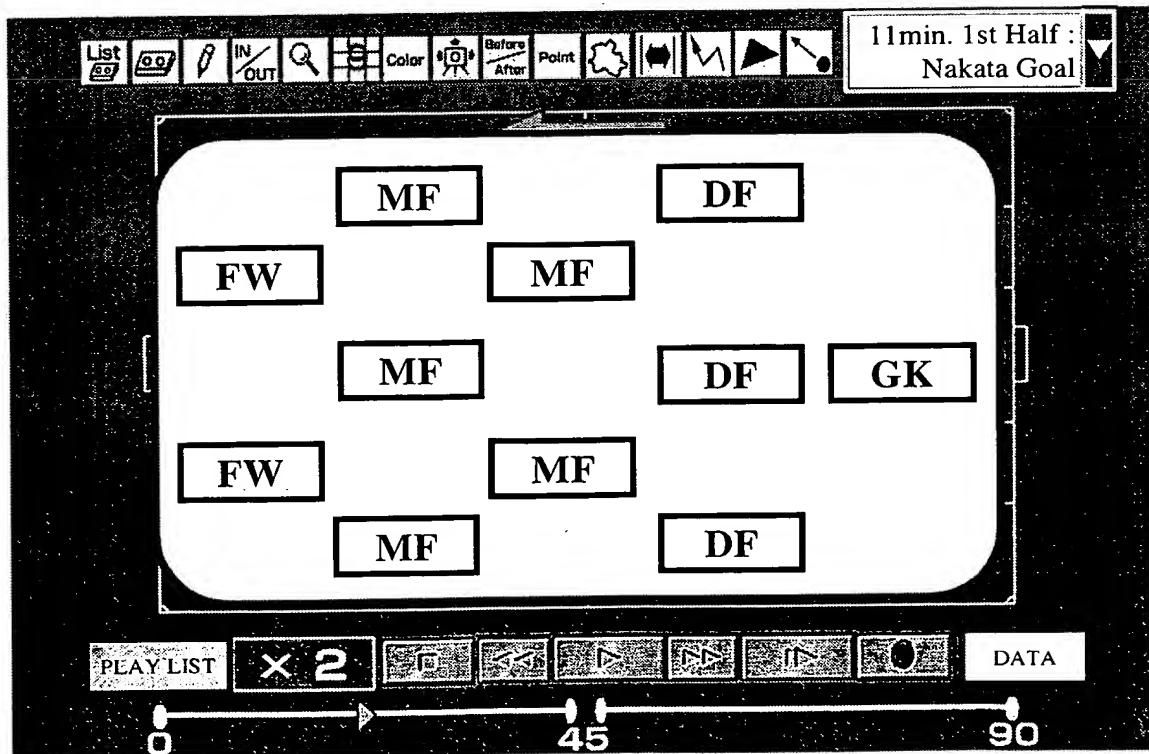


FIG. 16



11/73

FIG. 17

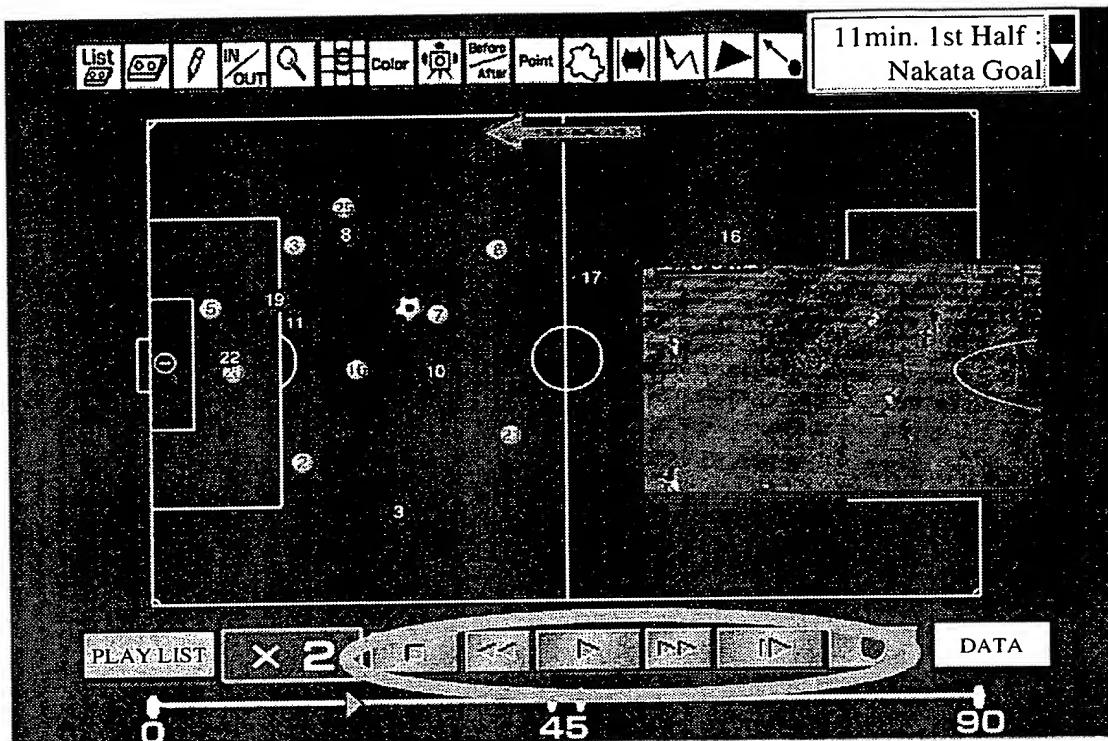


FIG. 18

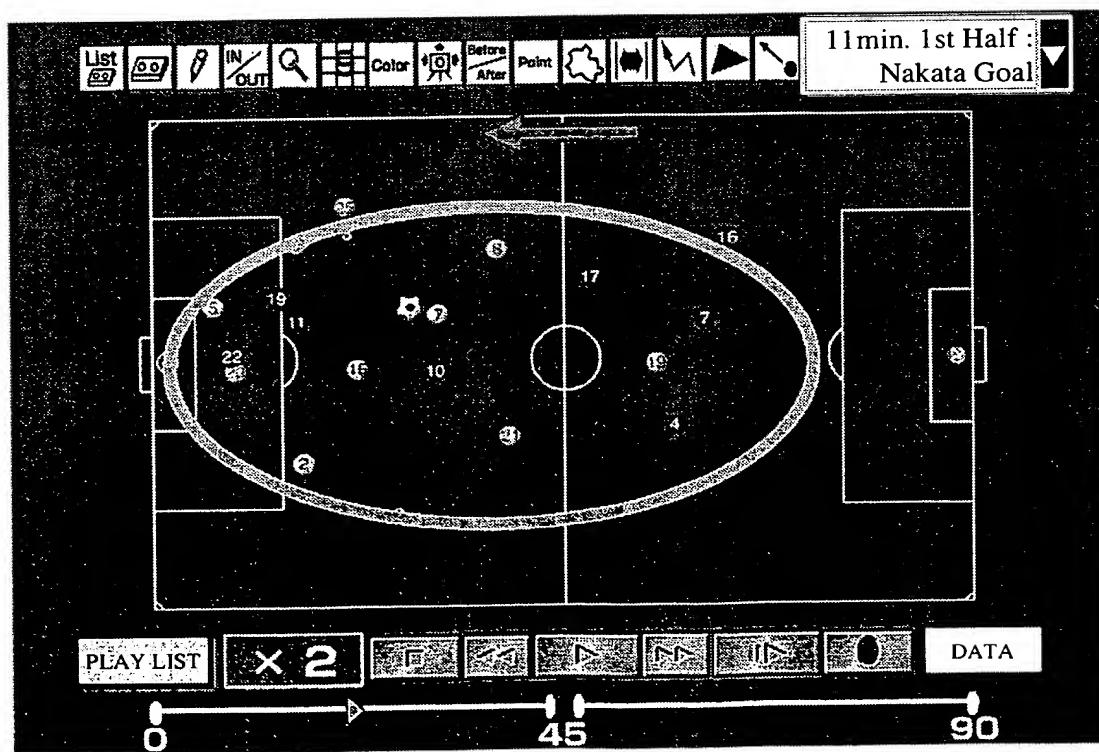
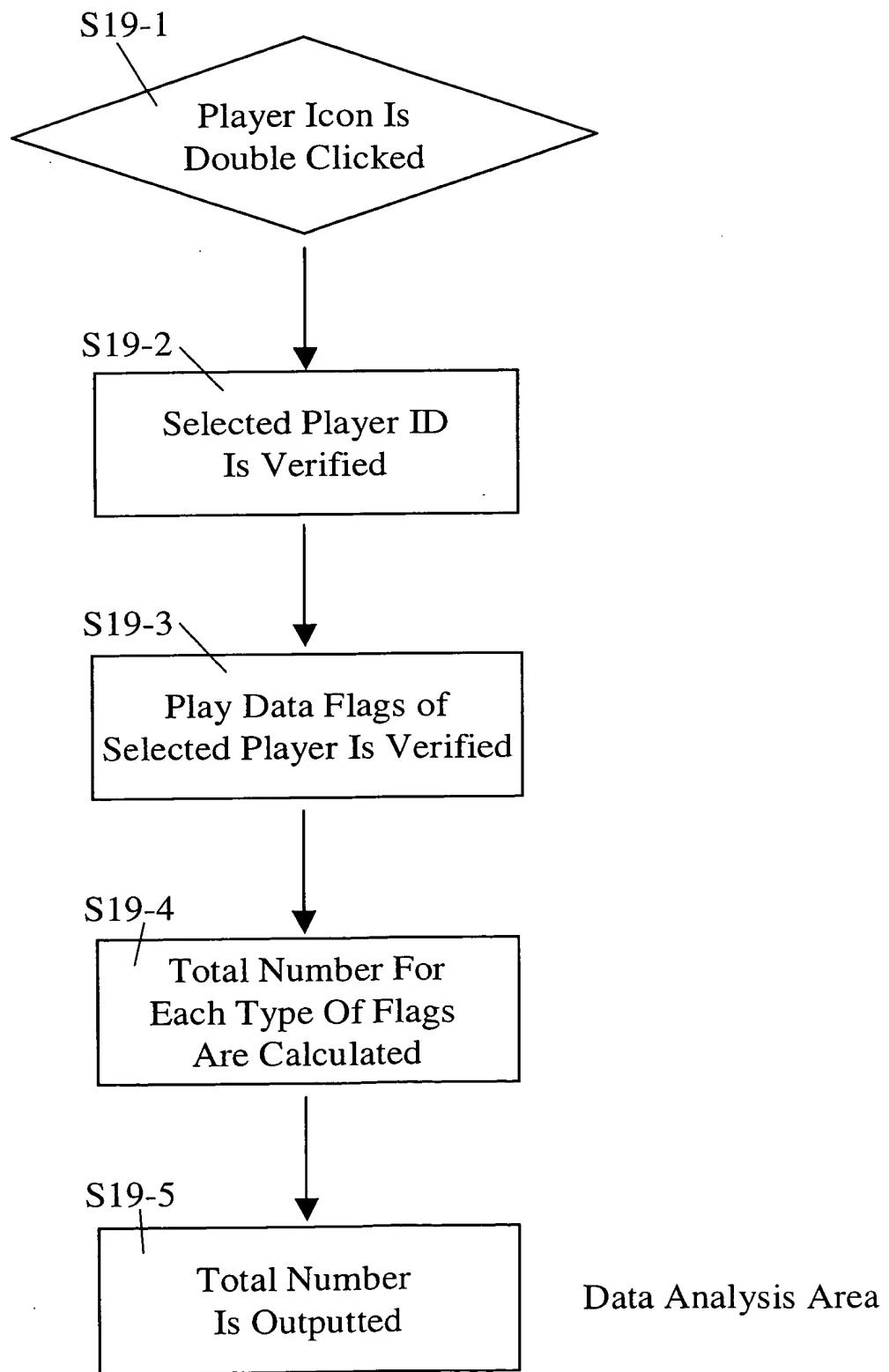


FIG. 19



13/73

FIG. 20

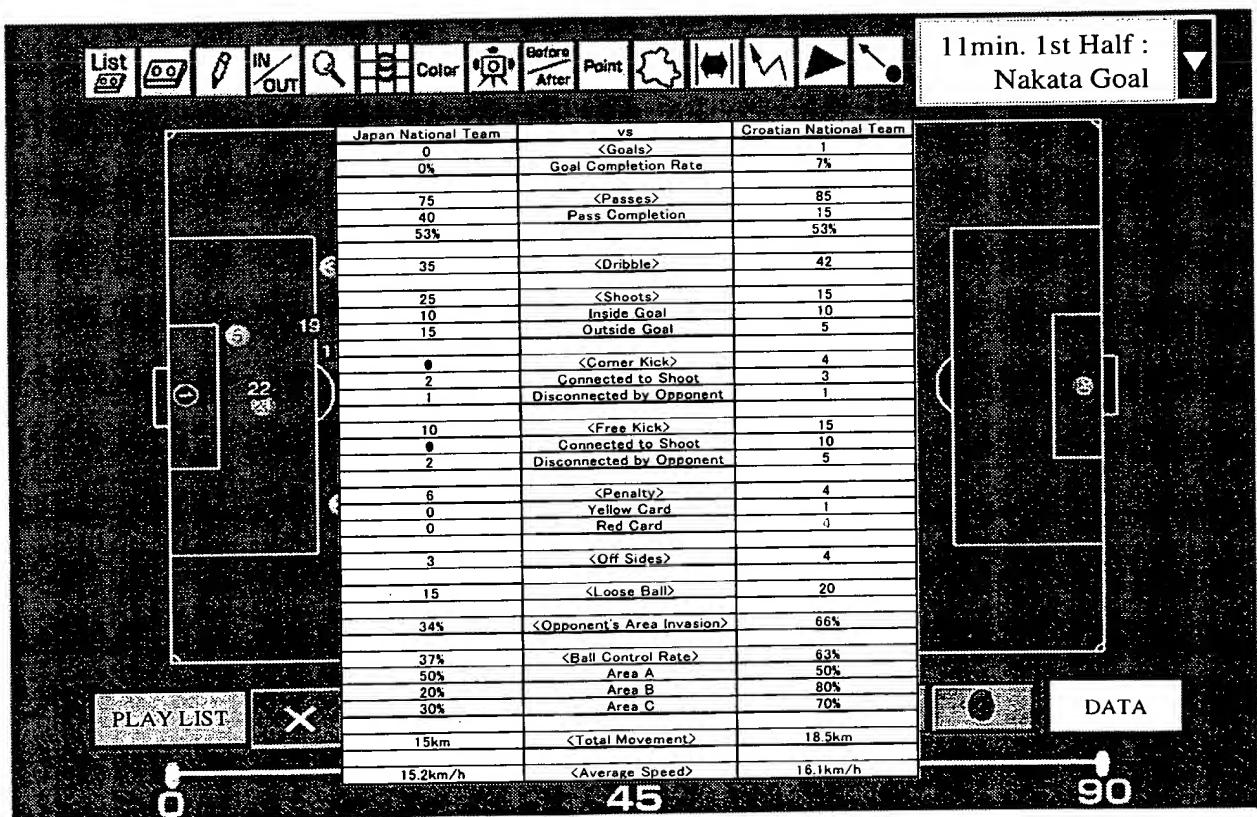


FIG.21

Japan National Team	vs	Croatian National Team
0	<Goals>	1
0%	Goal Completion Rate	7%
75	<Passes>	85
40	Pass Completion	45
53%		53%
35	<Dribble>	42
25	<Shoots>	15
10	Inside Goal	10
15	Outside Goal	5
3	<Corner Kick>	4
2	Connected to Shoot	3
1	Disconnected by Opponent	1
10	<Free Kick>	15
3	Connected to Shoot	10
7	Disconnected by Opponent	5
6	<Penalty>	4
0	Yellow Card	1
0	Red Card	0
3	<Off Sides>	4
15	<Loose Ball>	20
34%	<Opponent's Area Invasion>	66%
37%	<Ball Control Rate>	63%
50%	Area A	50%
20%	Area B	80%
30%	Area C	70%
15km	<Total Movement>	18.5km
15.2km/h	<Average Speed>	16.1km/h

16/73

FIG. 23

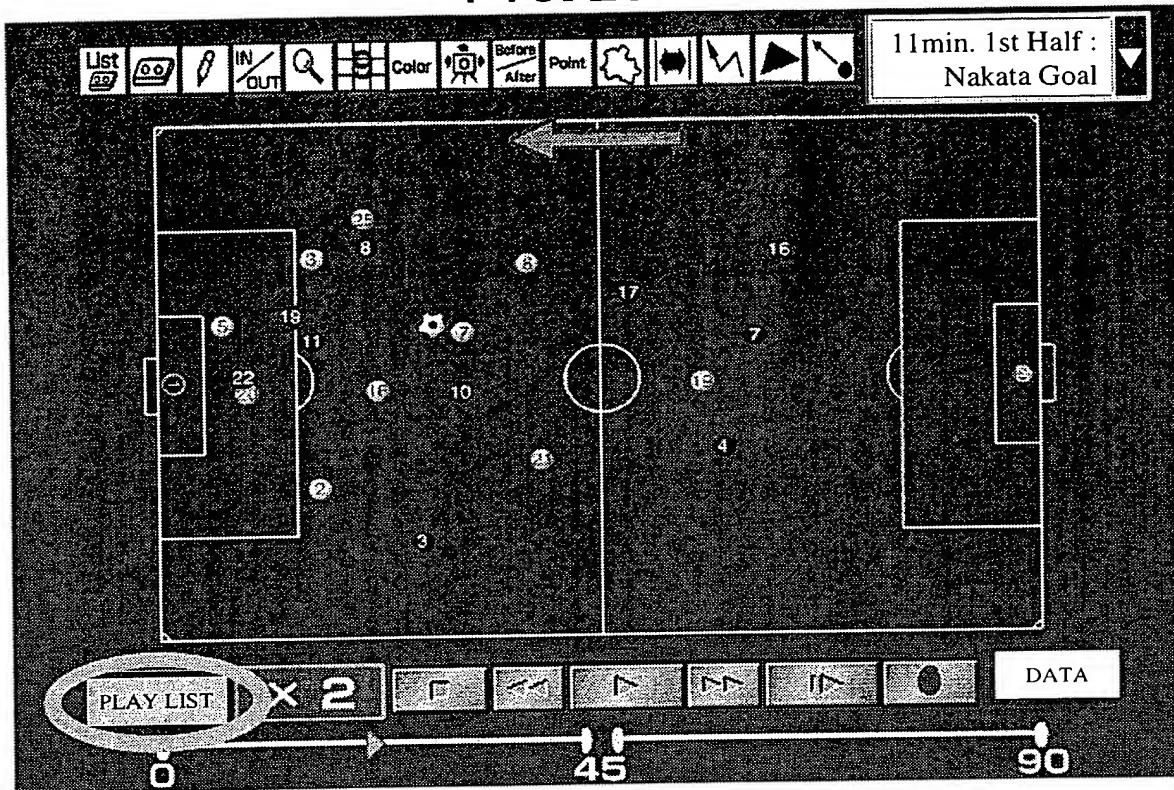


FIG. 24

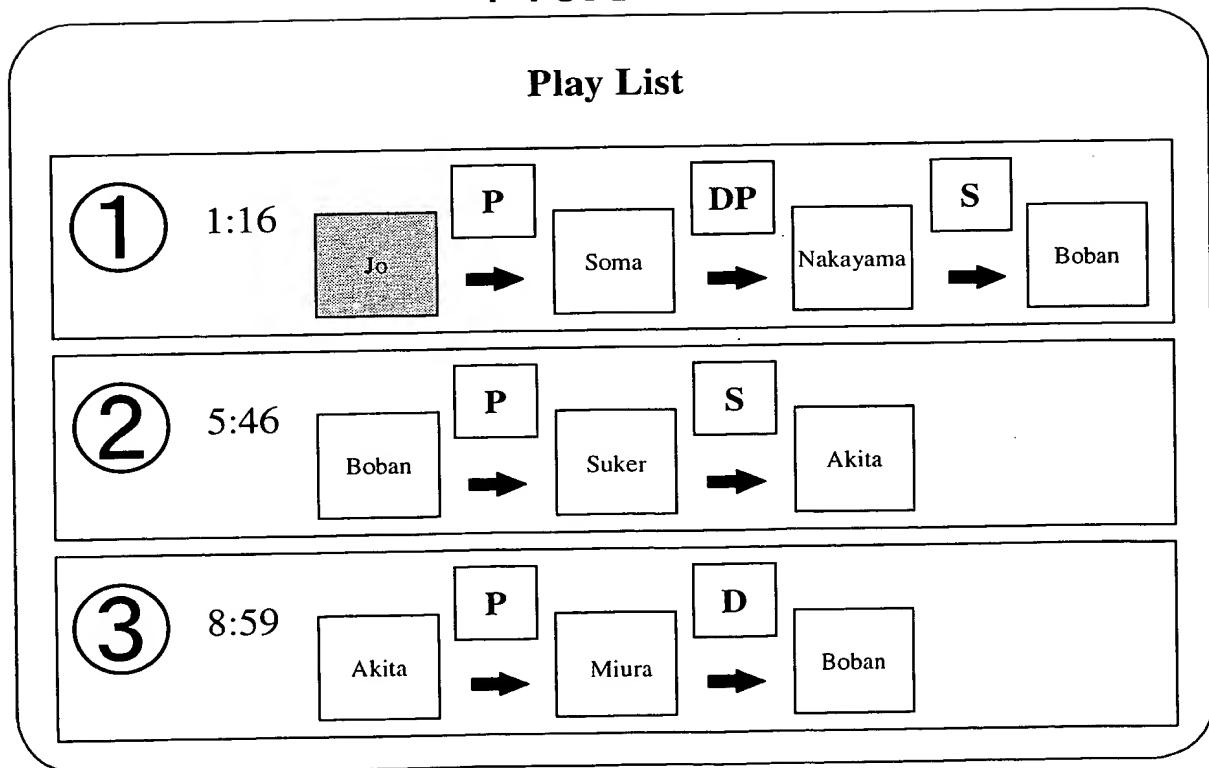


FIG. 26

①	Nakata	P	DP	S
		→ Jo	→ Nakayama	→ Boban
②	Boban	P	D·P	
		→ Suker	→ Kawaguchi	
③	Kawaguchi	T	P	D
		→ Akita	→ Soma	→ Bilic
④	Bilic	D	P	
		→ Jarni	→ Nakata	
⑤	Nakata	D·P	P	S
		→ Yamaguchi	→ Miura	→ Ladic
⑥	Ladic	GK	P	
		→ Simic	→ Nakata	
⑦	Nakata	P	D·P	
		→ Nakayama	→ ×	
⑧	Ladic	GK	P	D·P
		→ Jarni	→ Boban	→ ×
⑨	Kawaguchi	GK	P	
		→ Akita	→ Boban	
⑩	Boban	D·P	P	D·S
		→ Jarni	→ Suker	→ G
⑪	Jo	P	D·P	P
		→ Nakata	→ Nakayama	→ Jo
				→ Ladic
				→ PC
⑫	Nakata	CK	HS	
		→ Yamaguchi	→ Ladic	
⑬	Ladic	T	D·P	D
		→ Simic	→ Jarni	→ Nakata
⑭	Nakata	P	S	
		→ Jo	→ Ladic	
⑮	Ladic	T	S	
		→ Simic	→ ×	
⑯	Kawaguchi	GK	D	P
		→ Akita	→ Nakata	→ Bilic
⑰	Bilic	T	P	
		→ Jarni	→ Nakata	
⑱	Nakata	P	P	P
		→ Yamaguchi	→ Nakata	→ Ladic
⑲	Ladic	GK	D	
		→ Simic	→ Nakata	
⑳	Nakata	D·P	S	
		→ Nakayama	→ ×	

19/73

FIG. 27

①	Nakata	P →	Jo	DP →	Nakayama	S →	Boban	
②	Nakata	D·P →	Yamaguchi	P →	Miura	S →	Ladic	
③	Nakata	P →	Nakayama	D·S →	x			
④	Jo	P →	Nakata	D·P →	Nakayama	P →	Jo	S → Ladic PC x → x
⑤	Nakata	CK →	Yamaguchi	HS →	Ladic			
⑥	Nakata	P →	Jo	S →	Ladic			
⑦	Kawaguchi	GK →	Akita	D →	Nakata	P →	Bilic	
⑧	Nakata	P →	Yamaguchi	P →	Nakata	P →	Ladic	
⑨	Nakata	D·P →	Nakayama	S →	x			
⑩	Kawaguchi	GK →	Nakata	P →	Boban	P →		
⑪	Jo	P →	Nakata	D·P →	Nakayama	S →	Ladic	PC x → x x
⑫	Nakata	CK →	Nakayama	S →	Ladic			
⑬	Nakata	P →	Jo	S →	Ladic			

20/73

FIG. 28

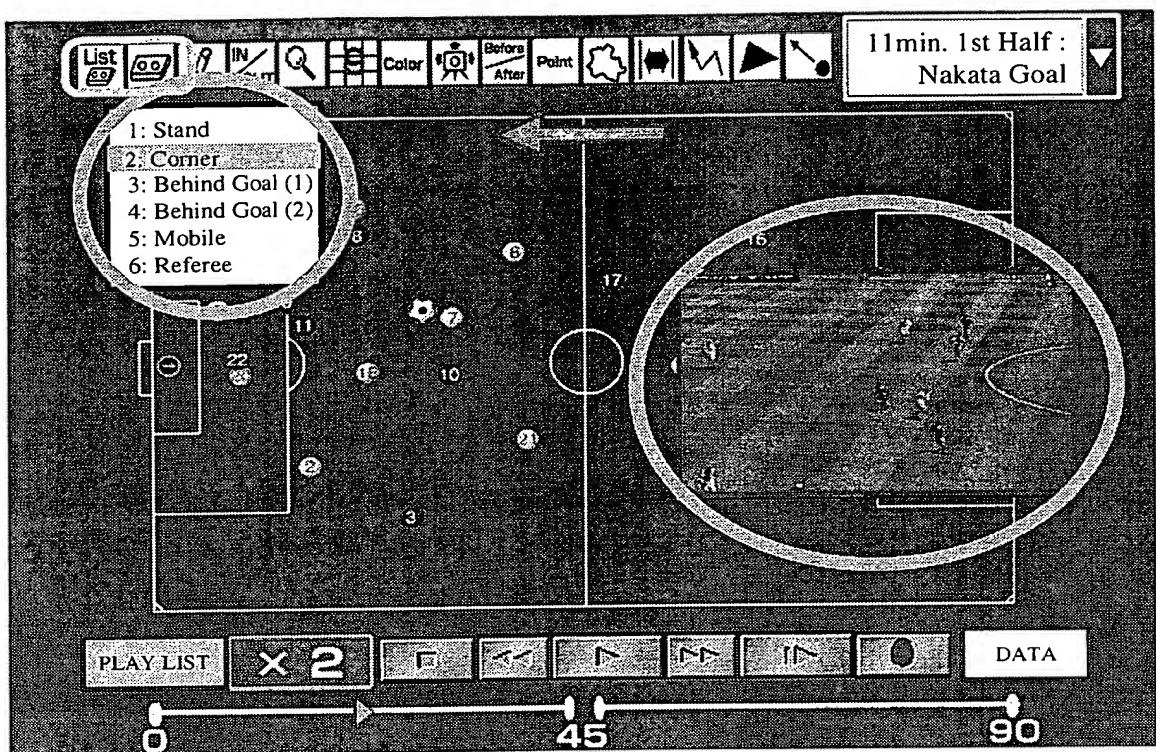
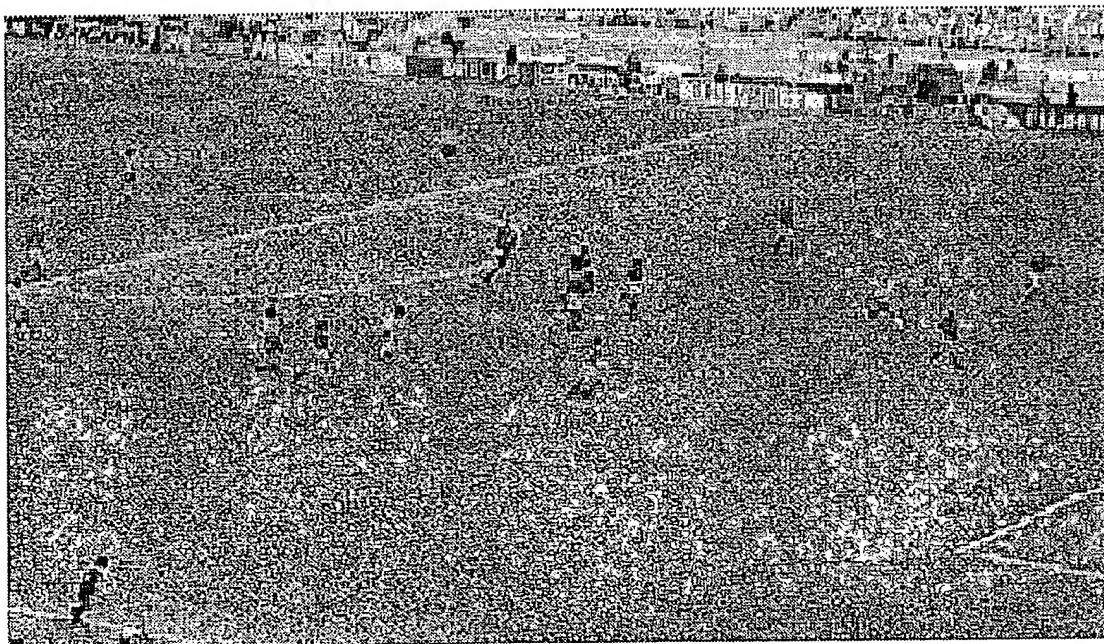


FIG. 29



22/73

FIG. 31

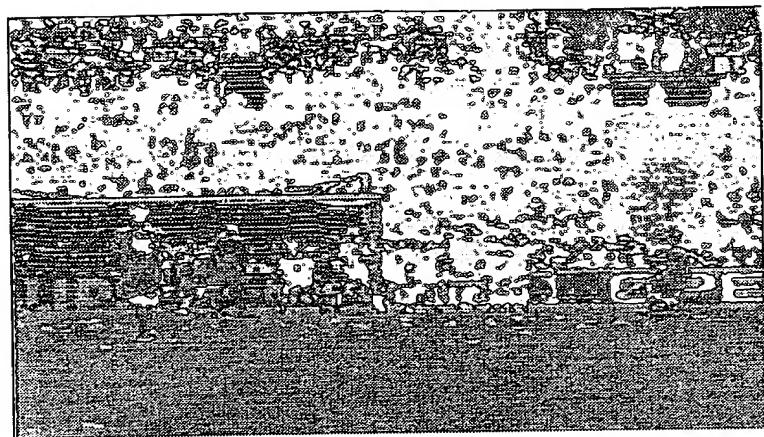


FIG. 32

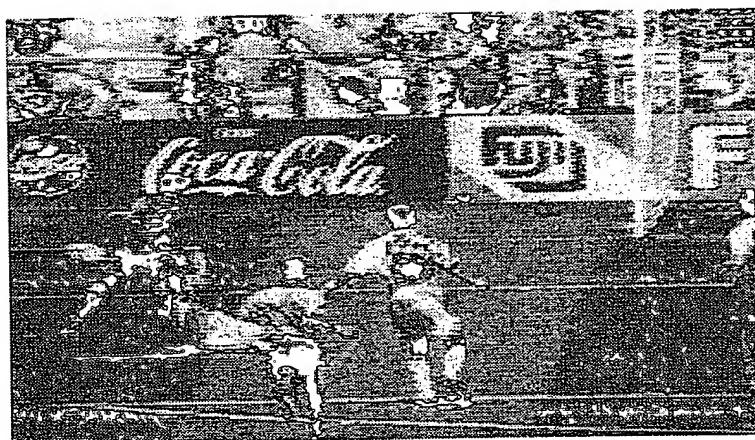


FIG. 33



23/73

FIG. 34

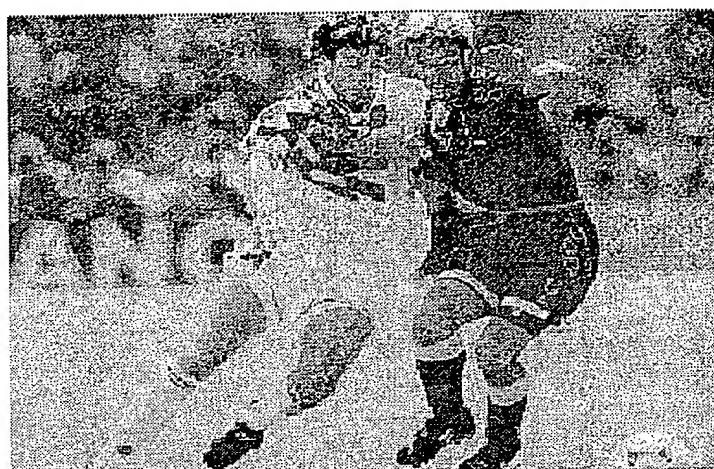


FIG. 35

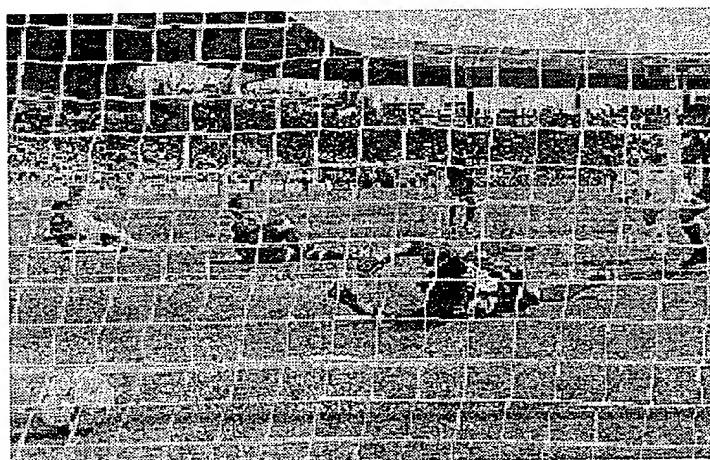


FIG. 36



24/73

FIG. 37

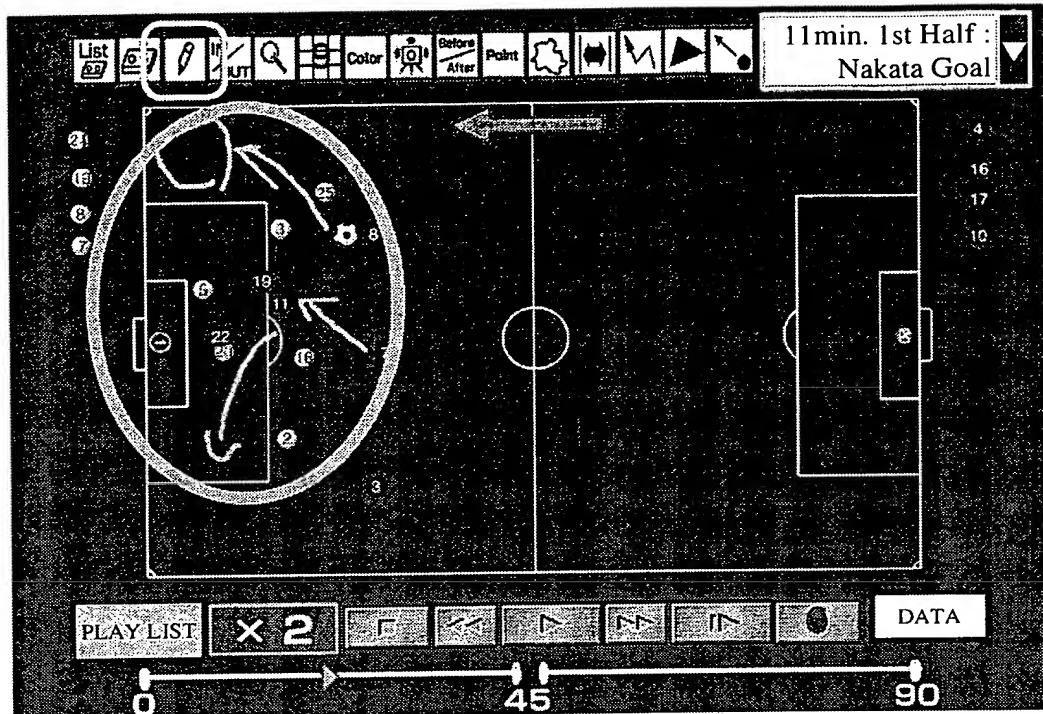


FIG. 38

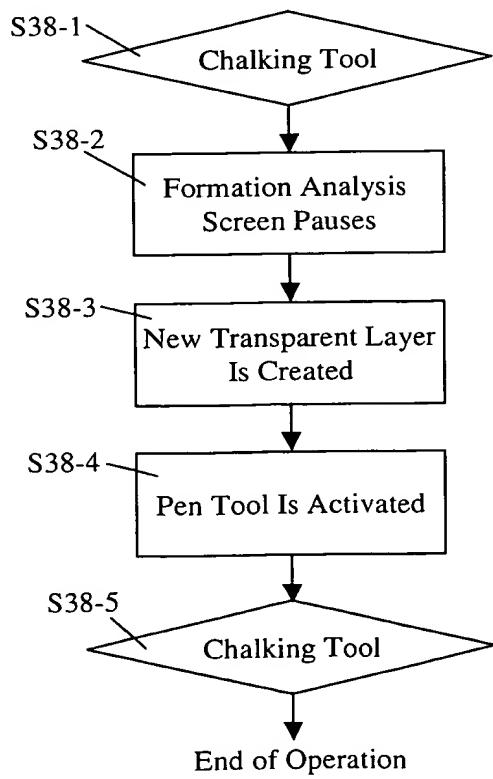


FIG. 39

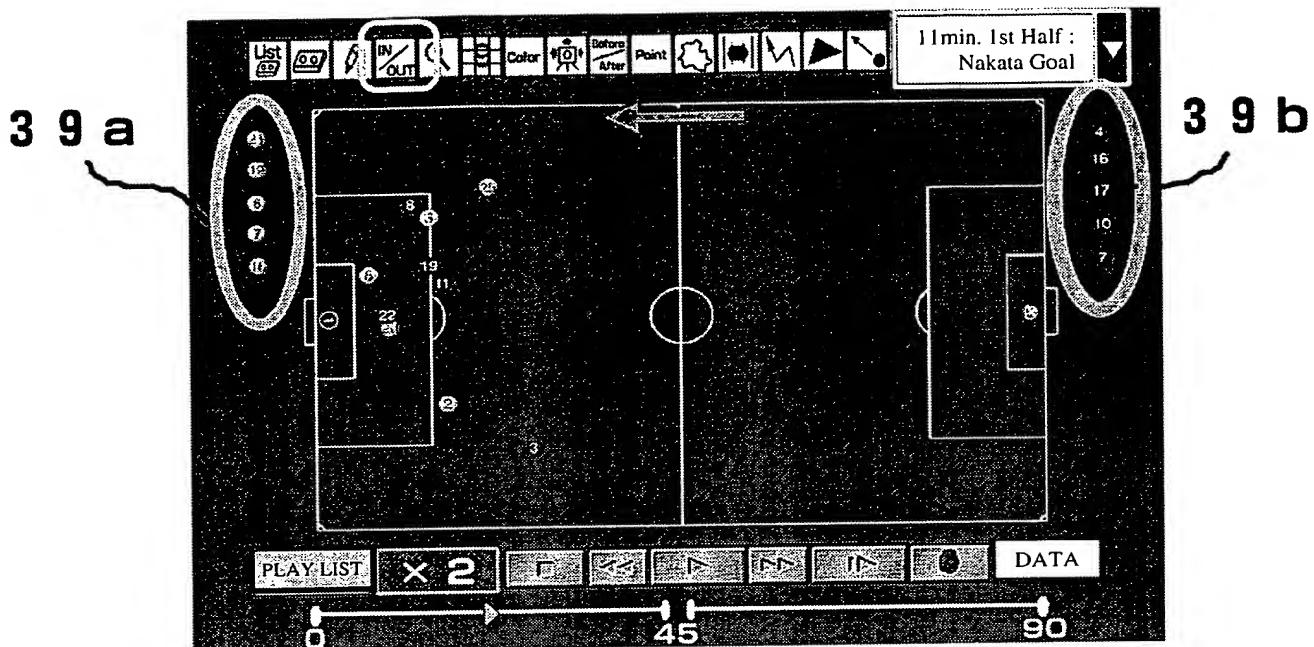


FIG. 40

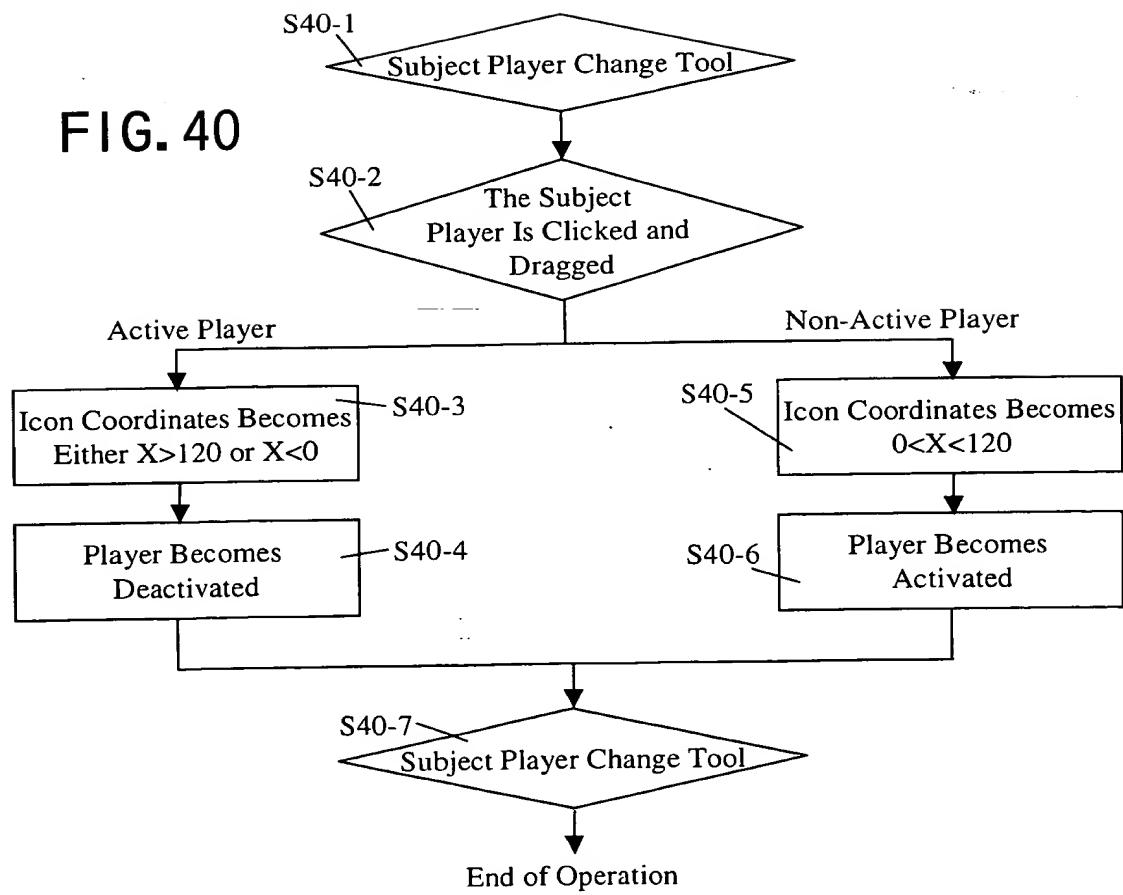


FIG. 41

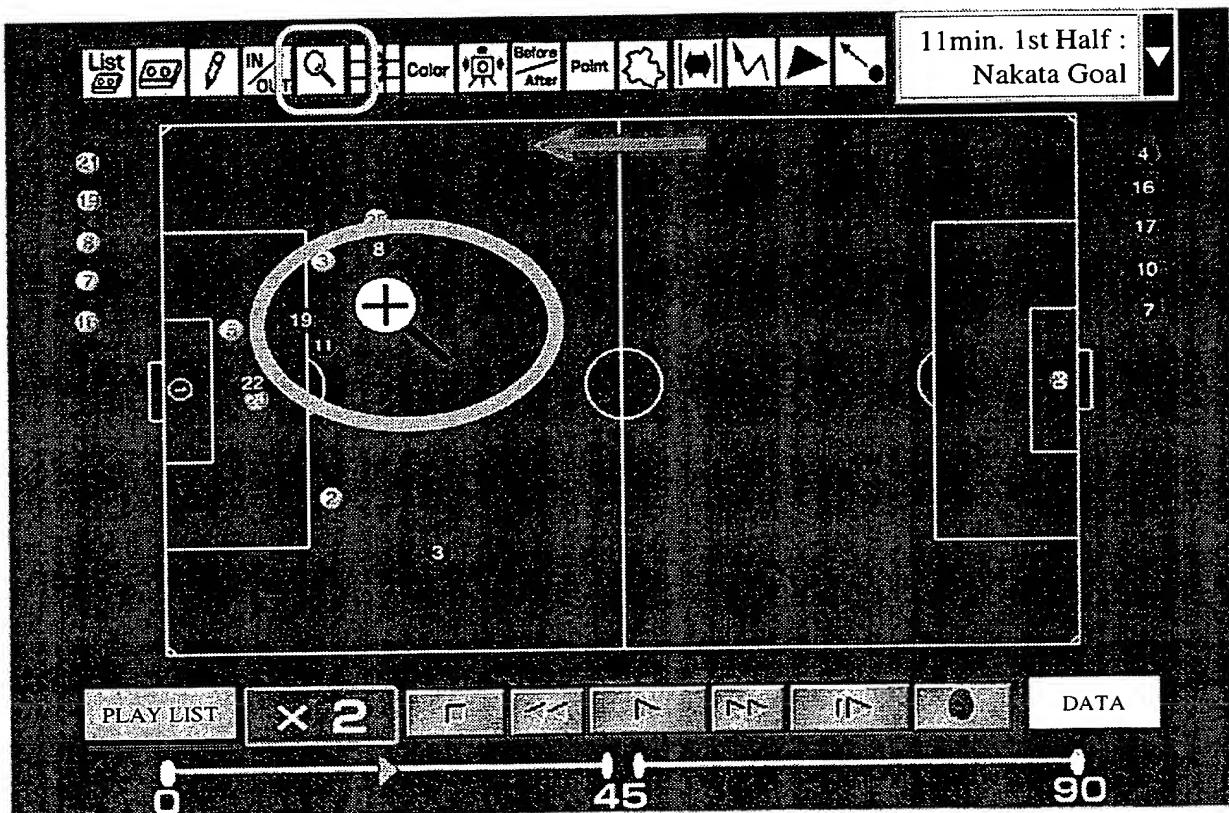


FIG. 42

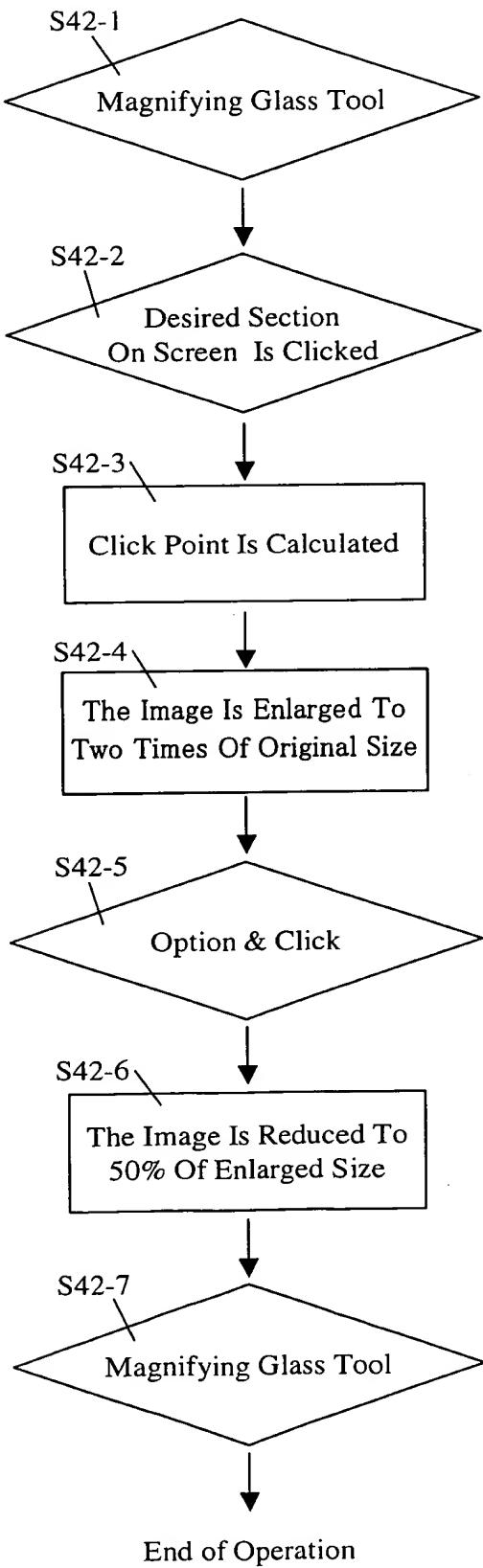


FIG. 43

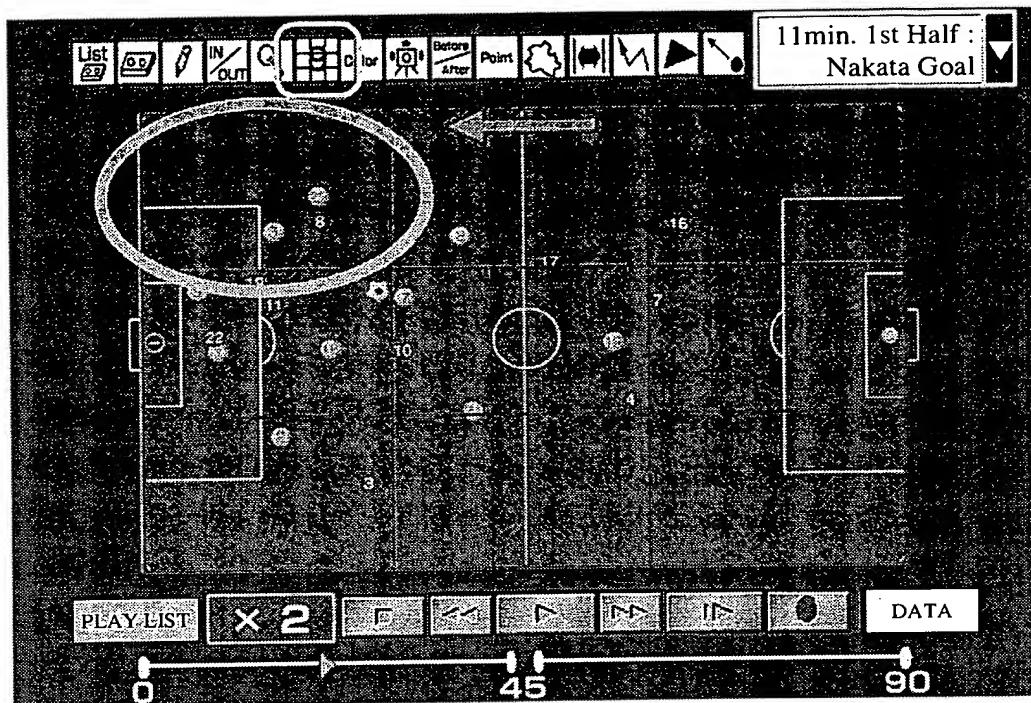


FIG. 44

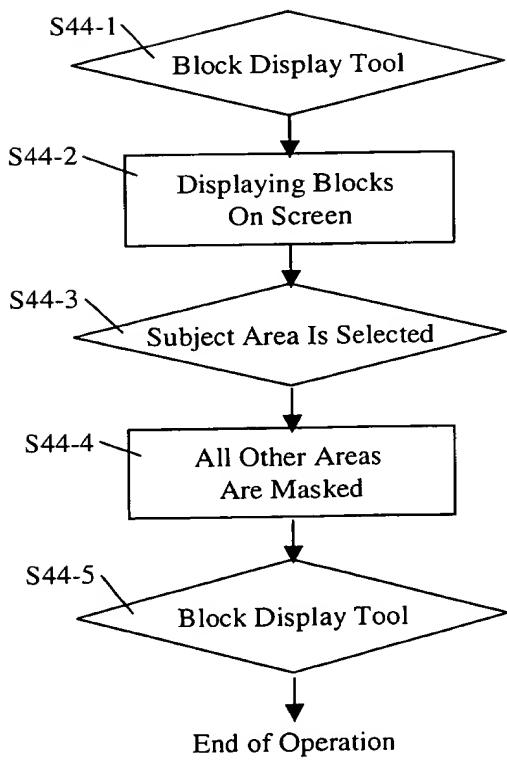


FIG. 45

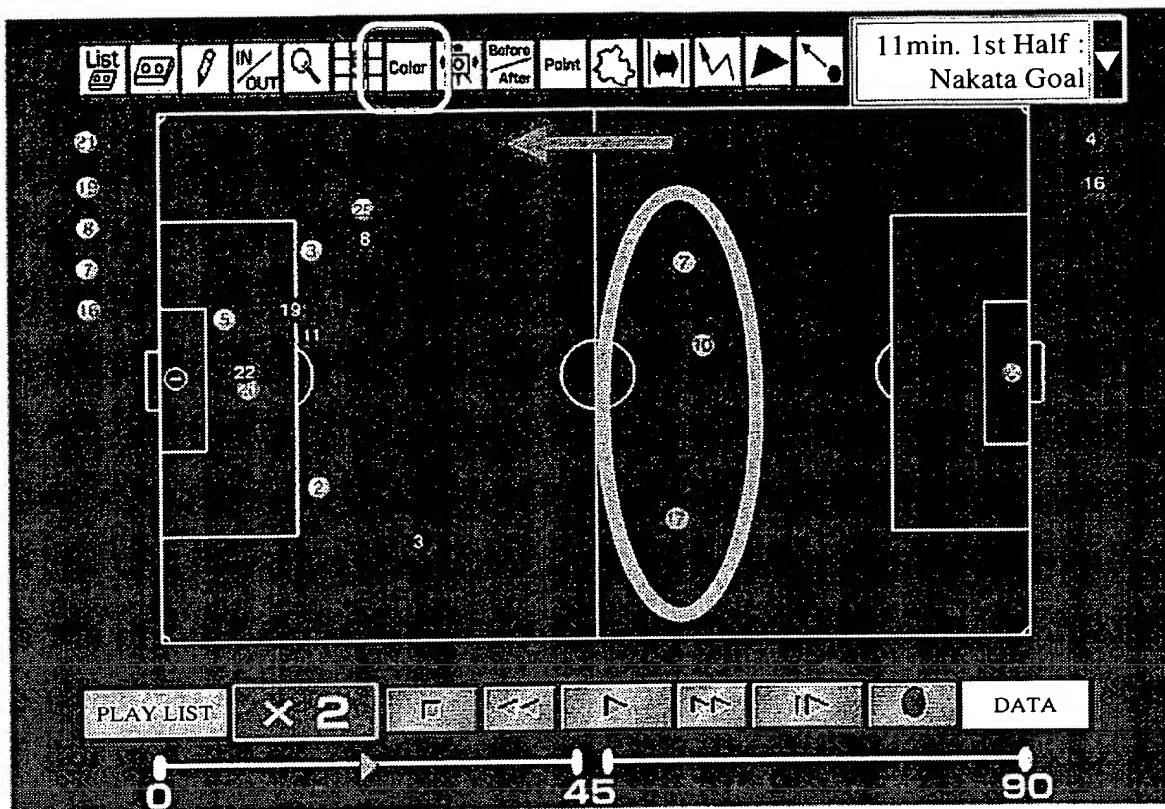


FIG. 46

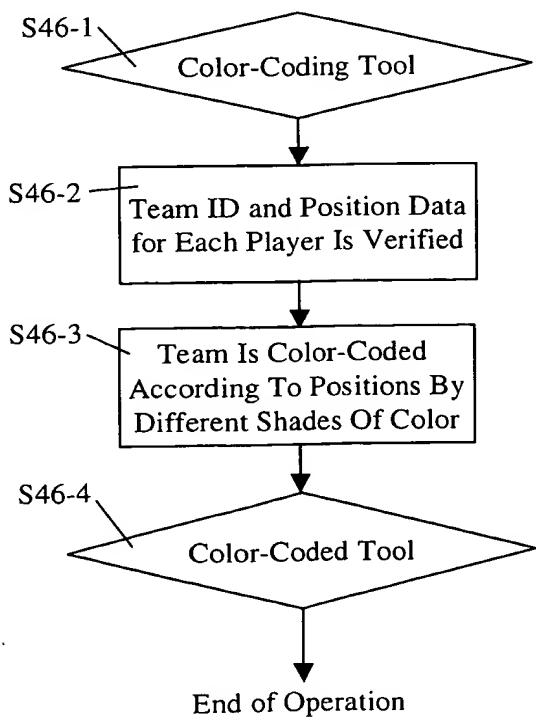


FIG. 47

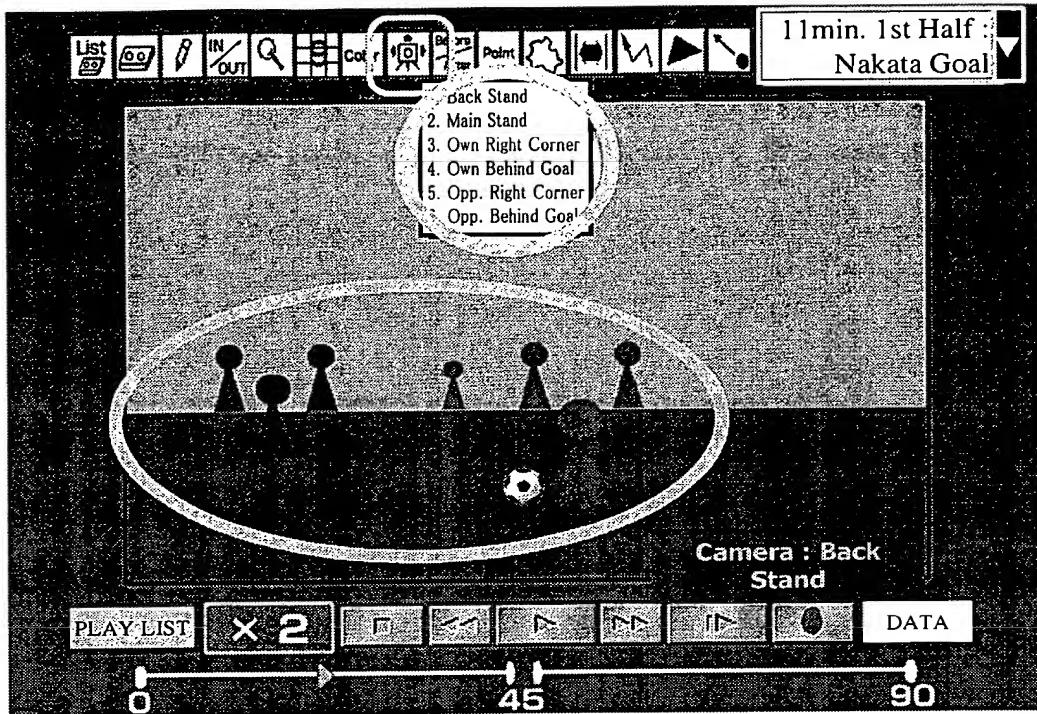


FIG. 48

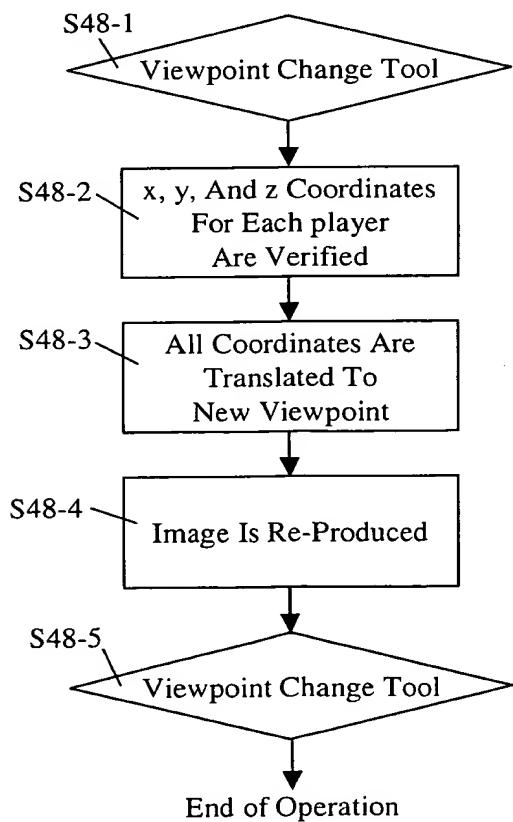


FIG. 51

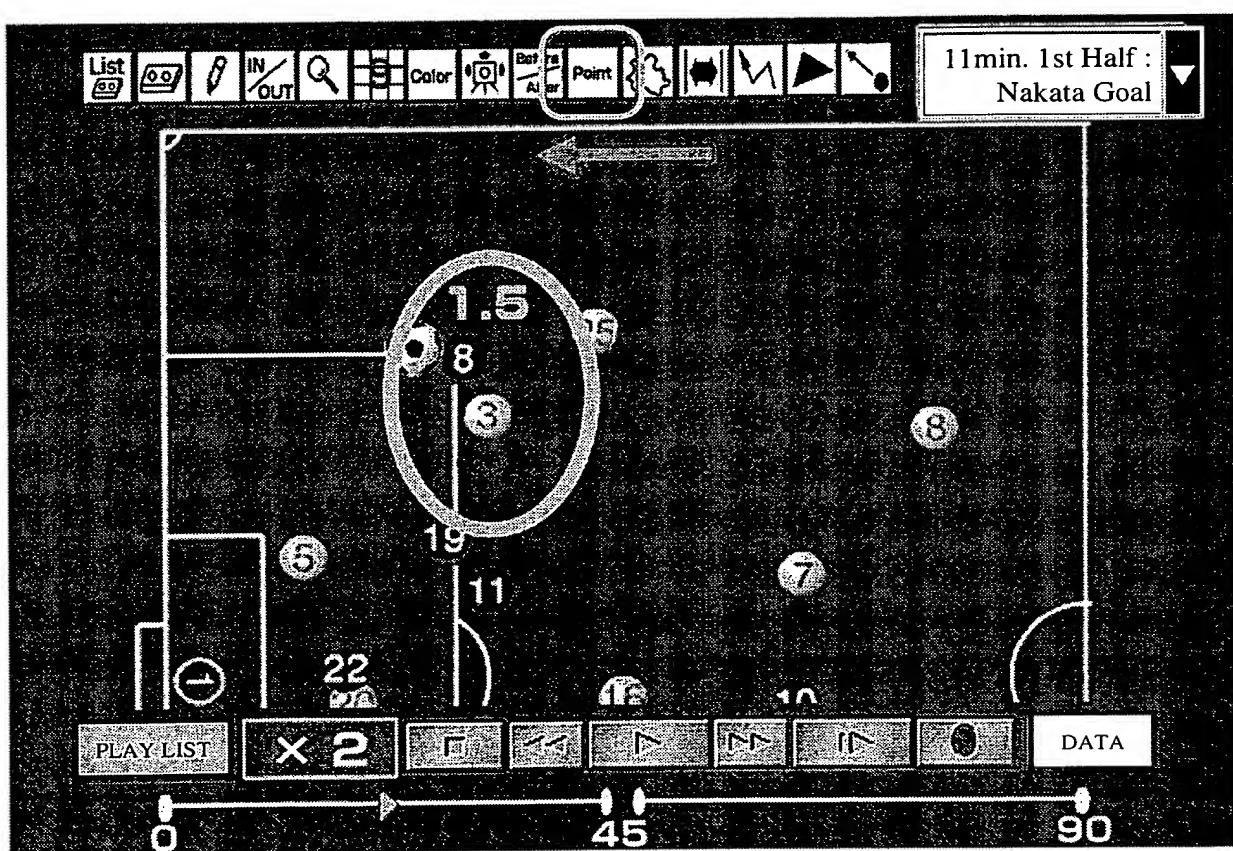


FIG. 52

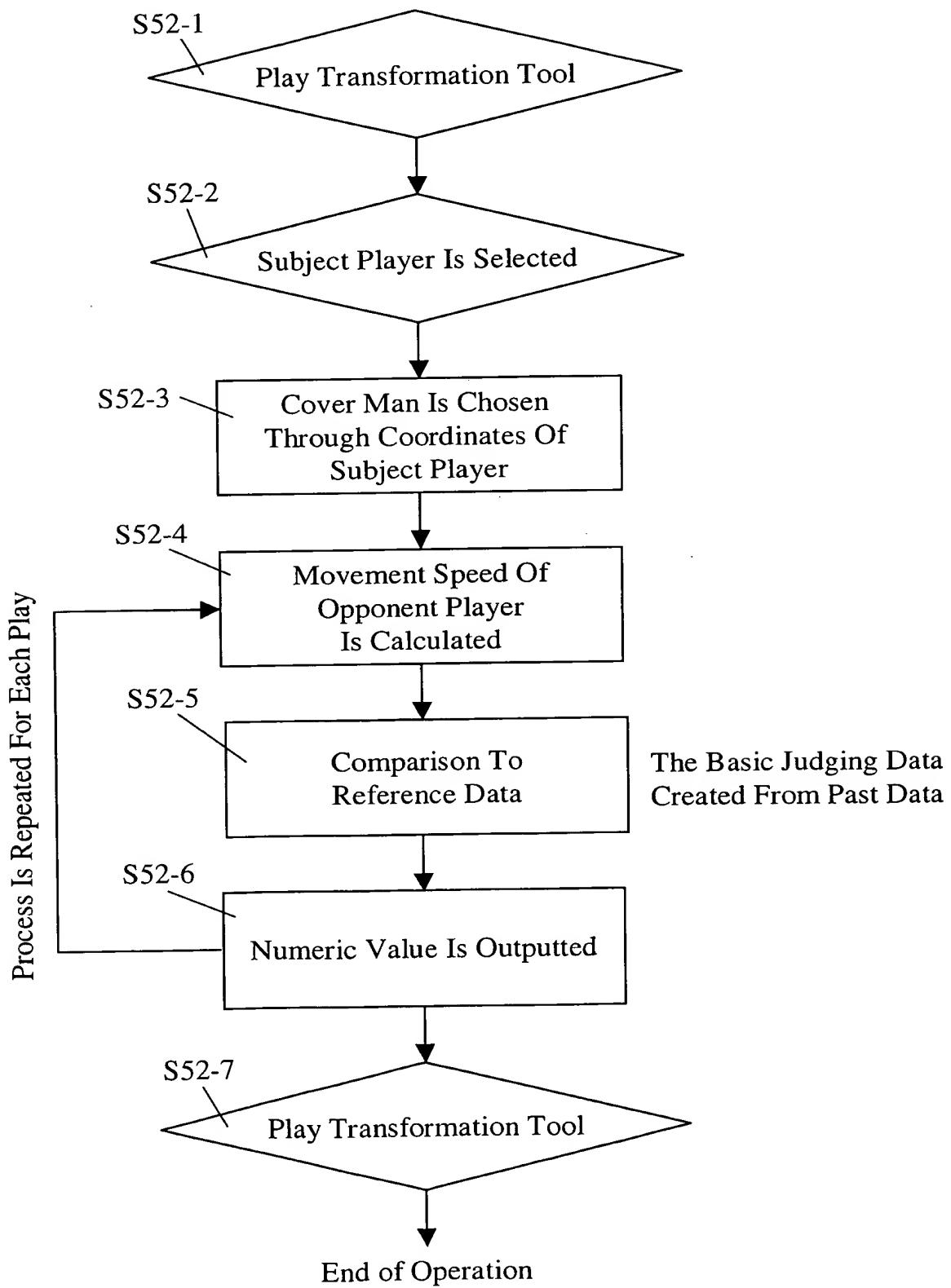


FIG. 53

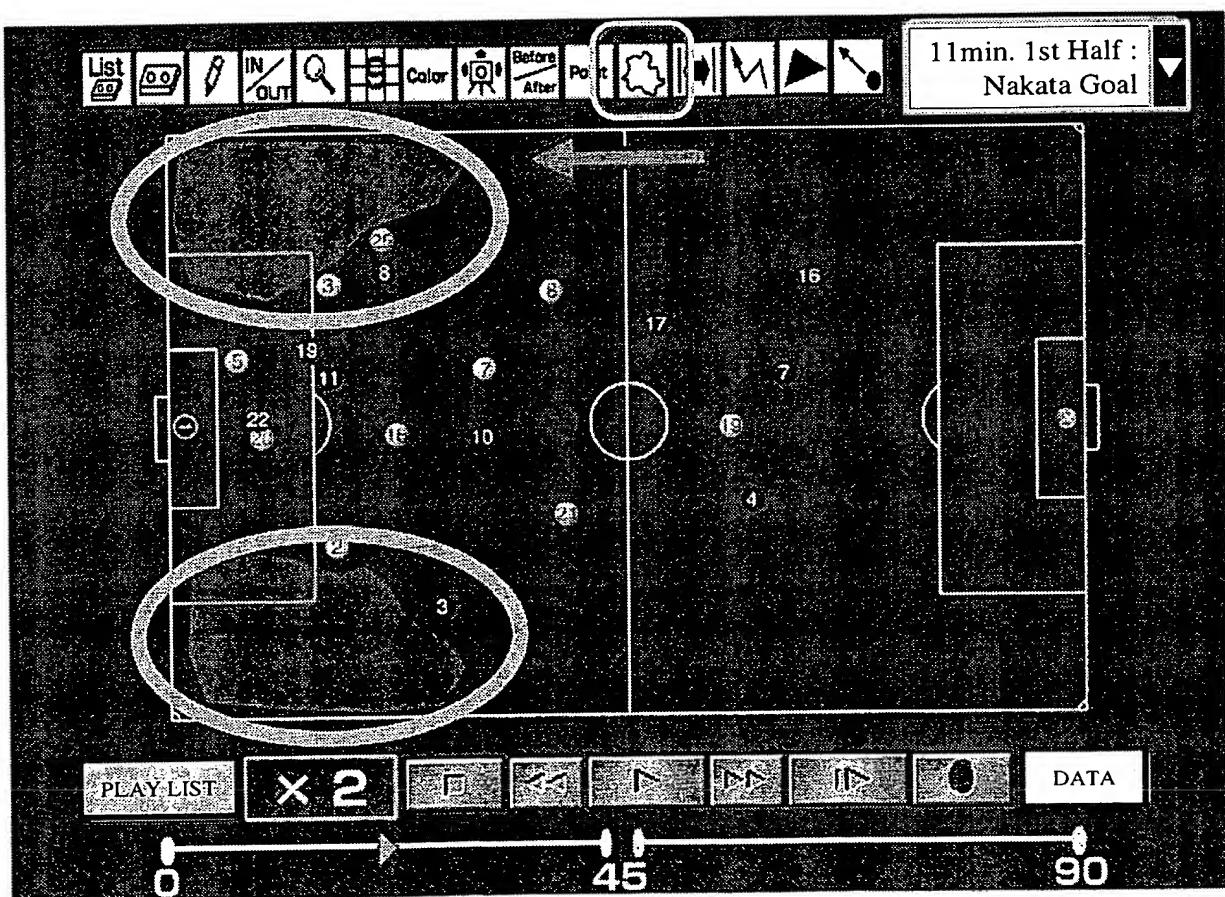


FIG. 54

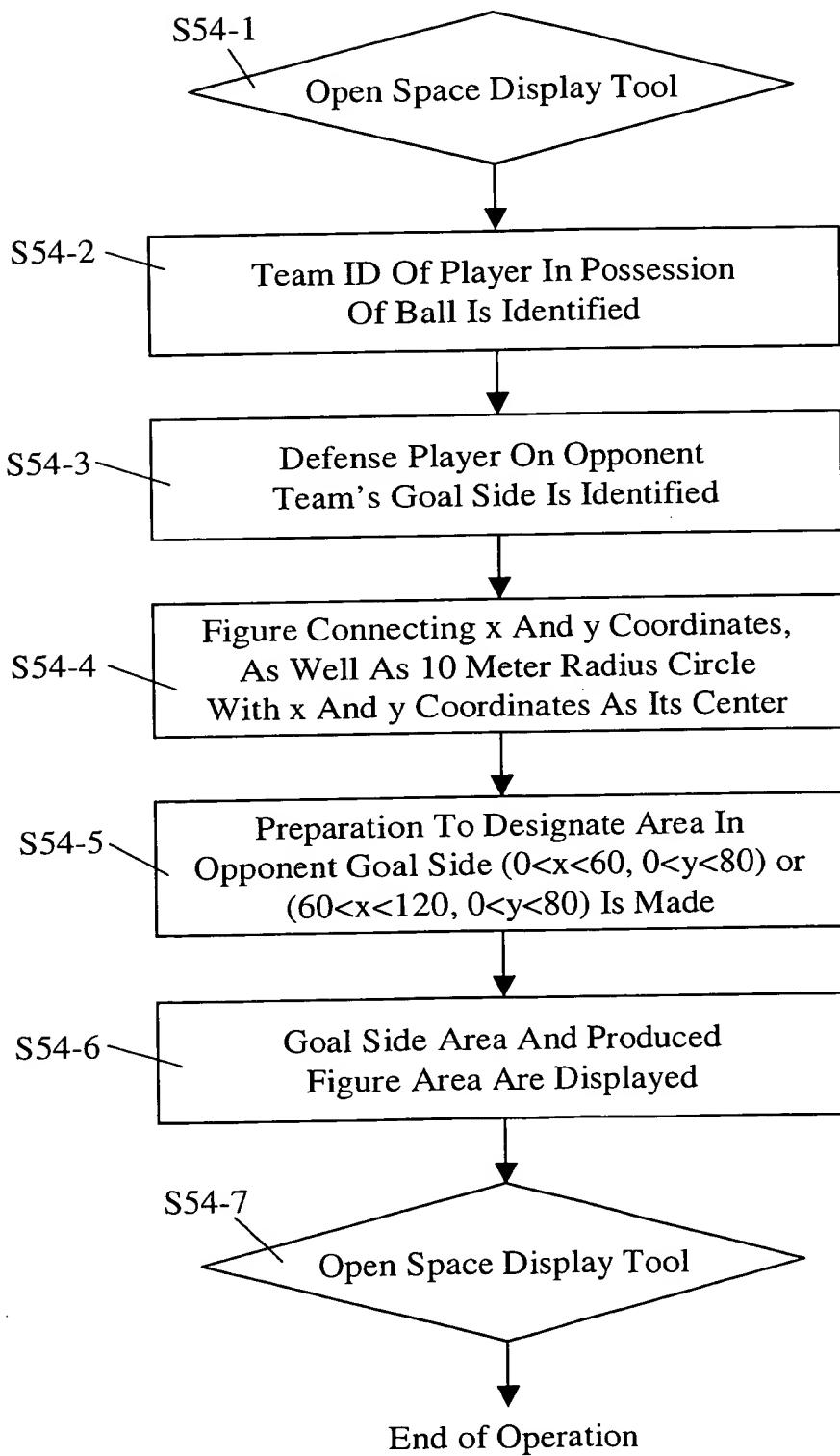


FIG. 55

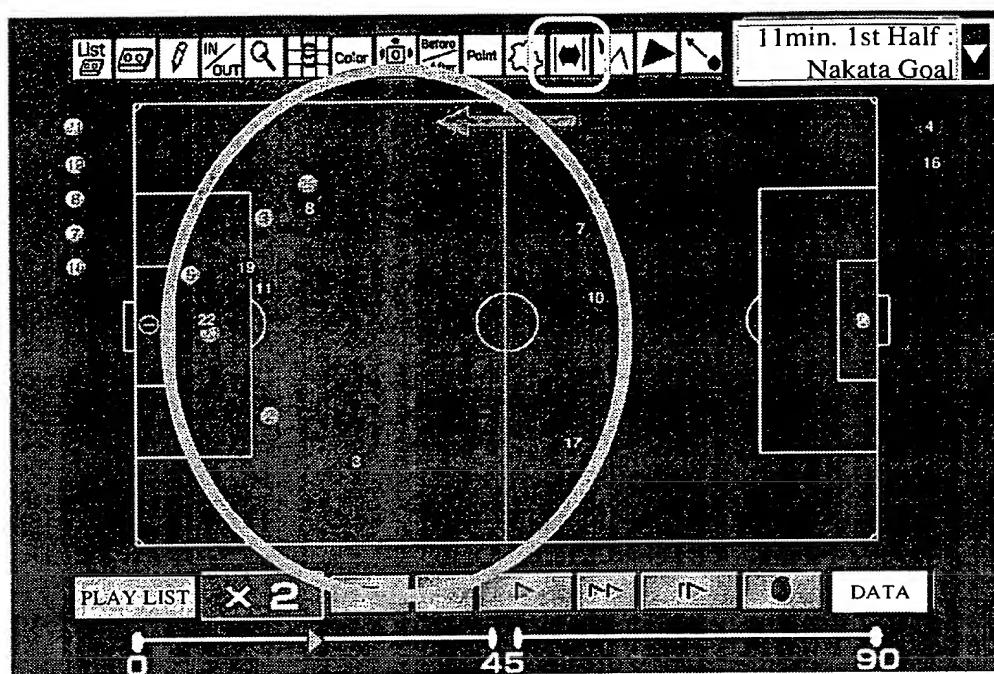


FIG. 56

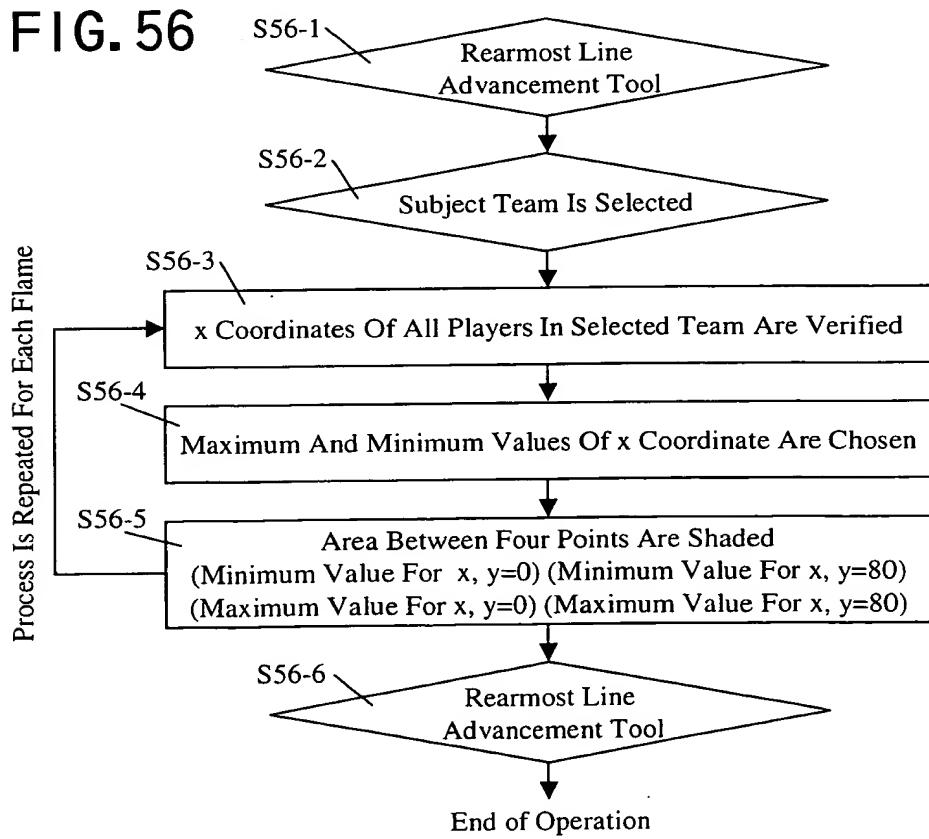


FIG. 57

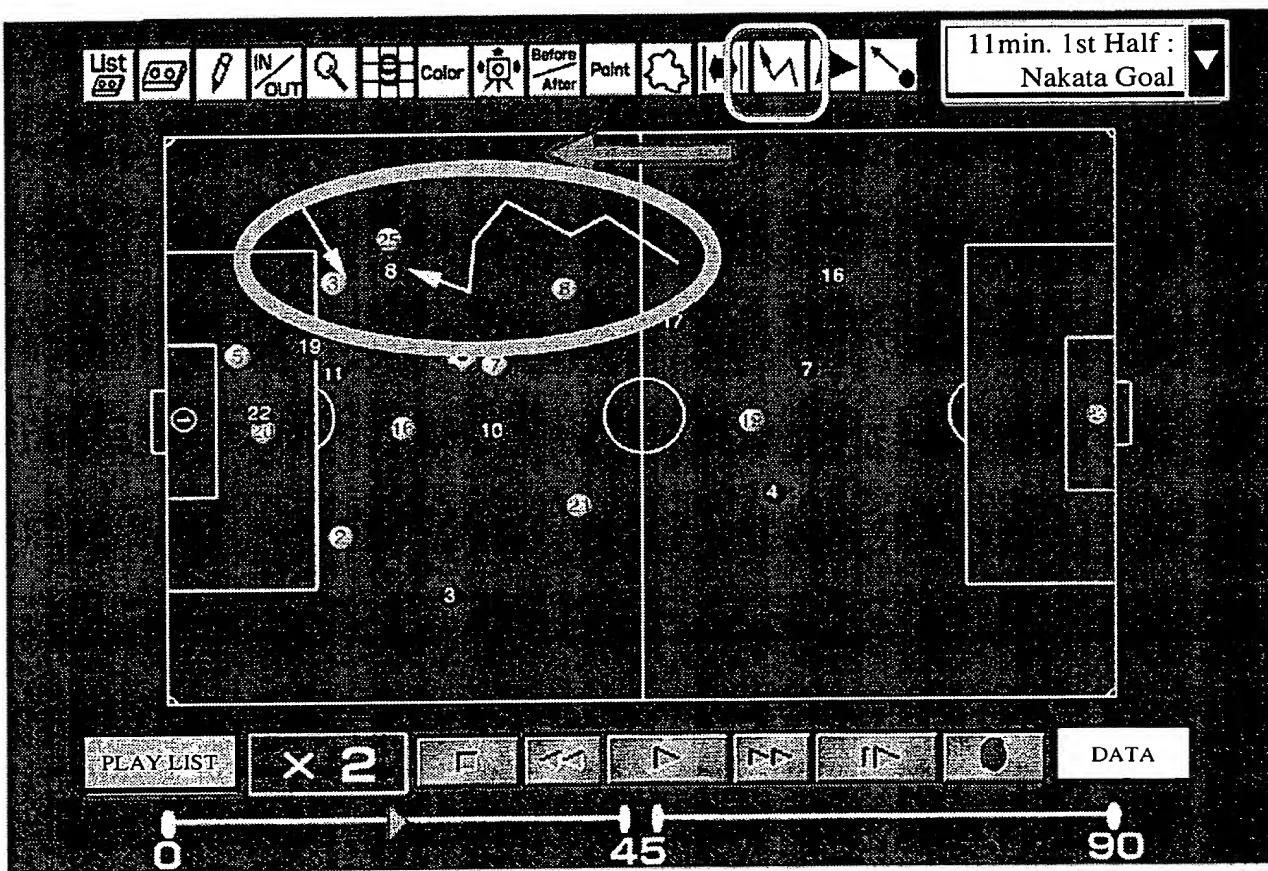


FIG. 59

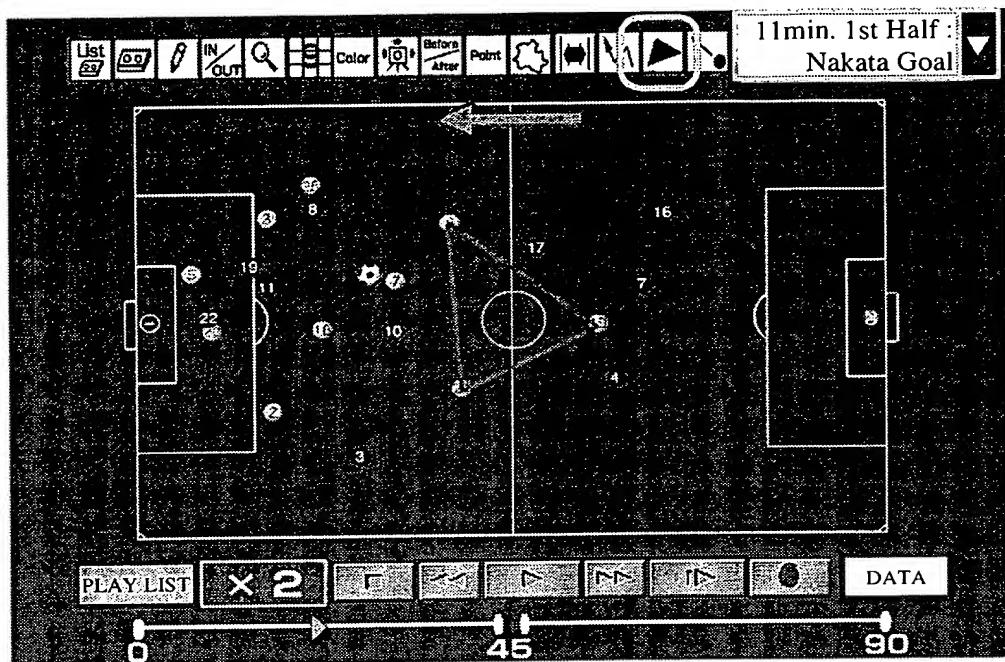


FIG. 60

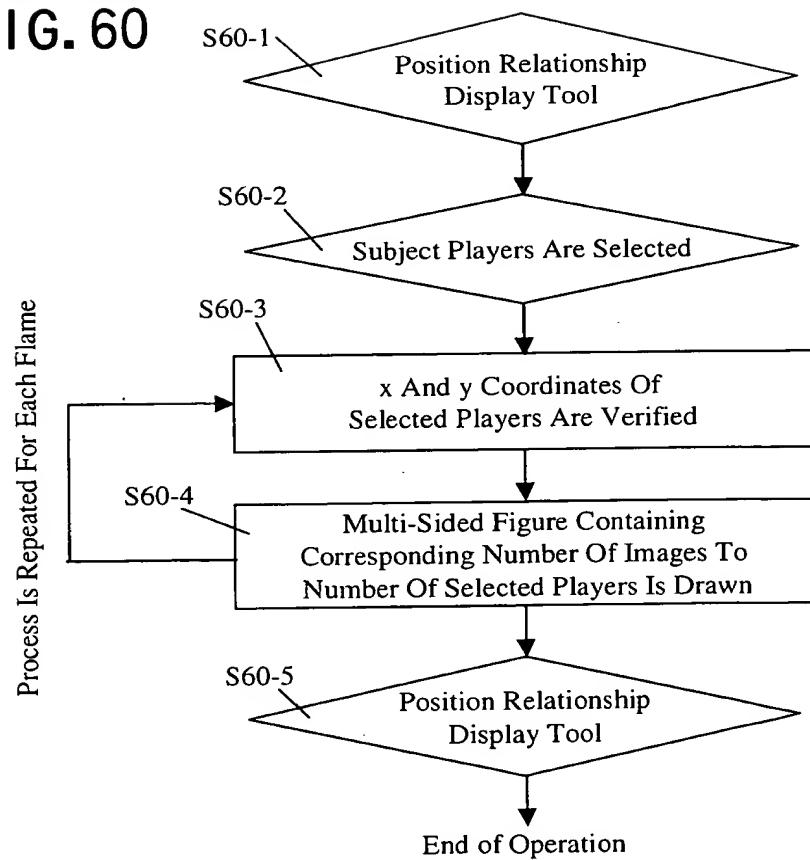


FIG. 61

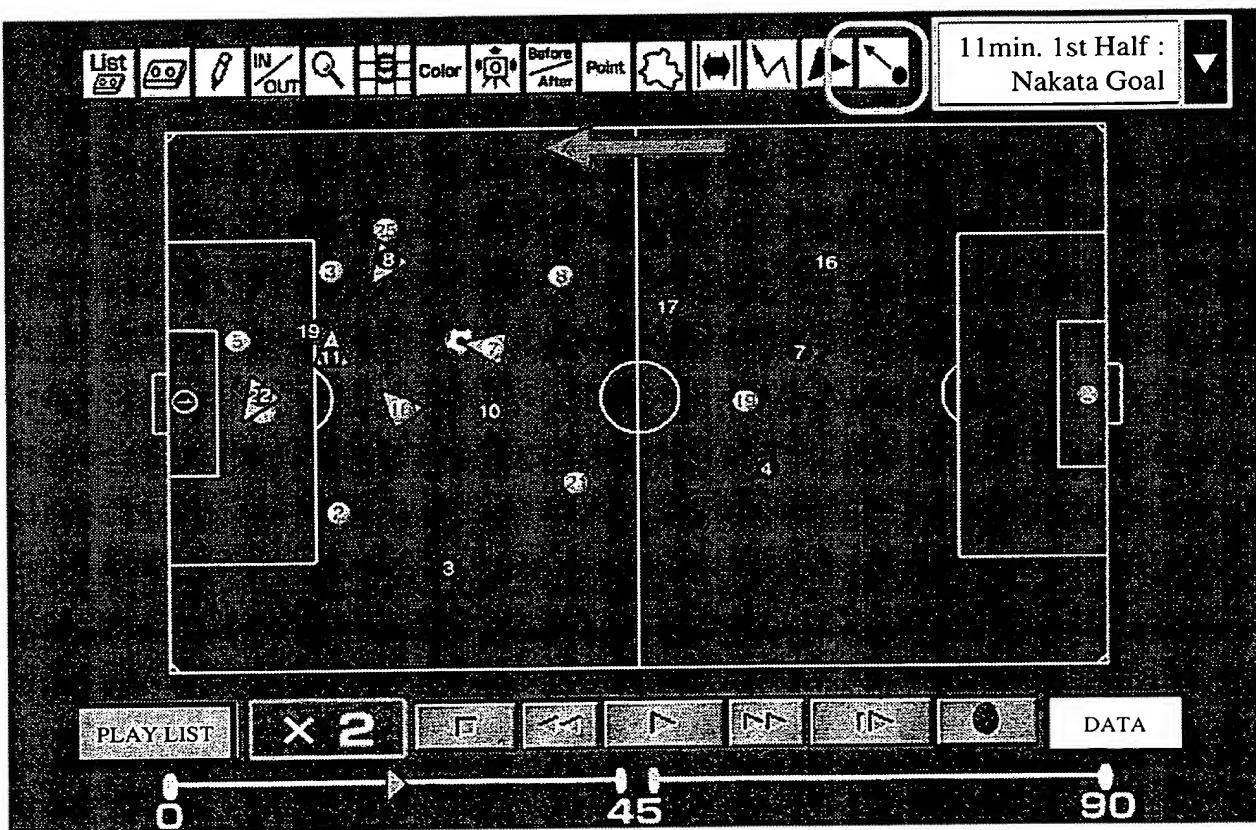


FIG. 63

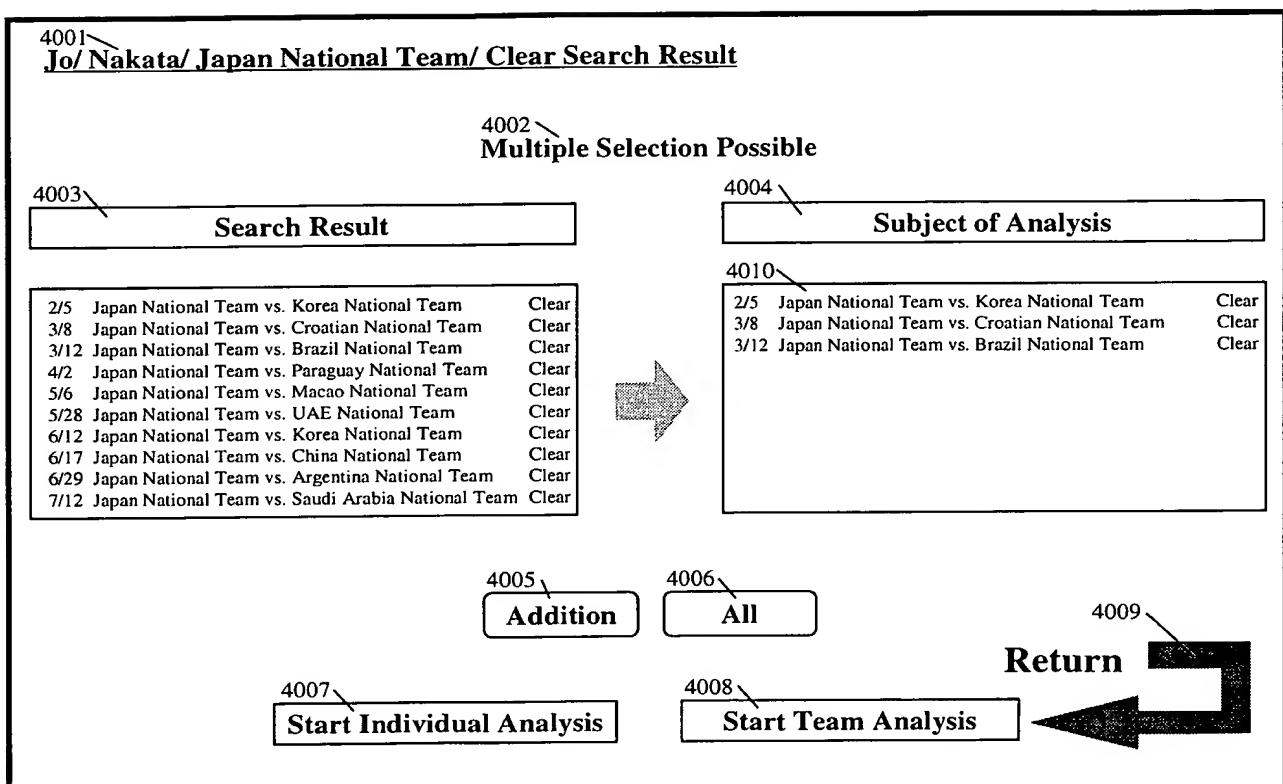


FIG. 64

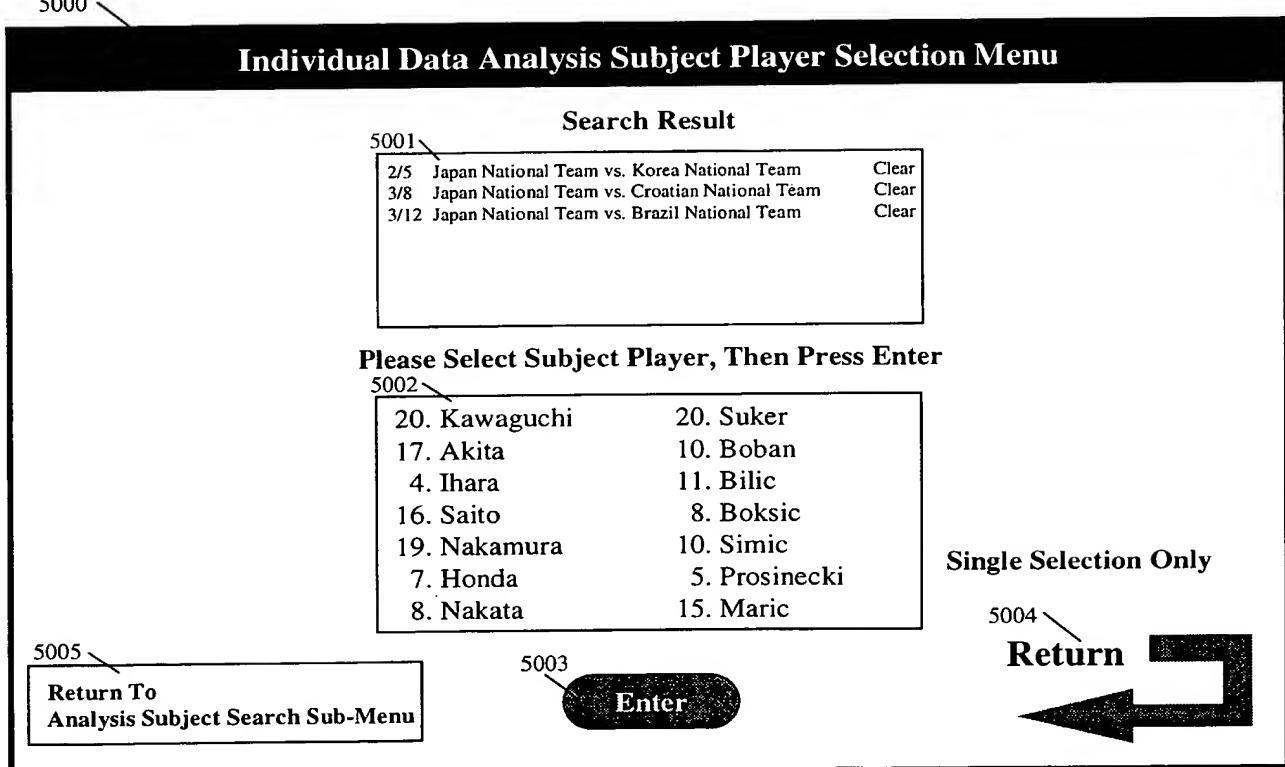


FIG. 65

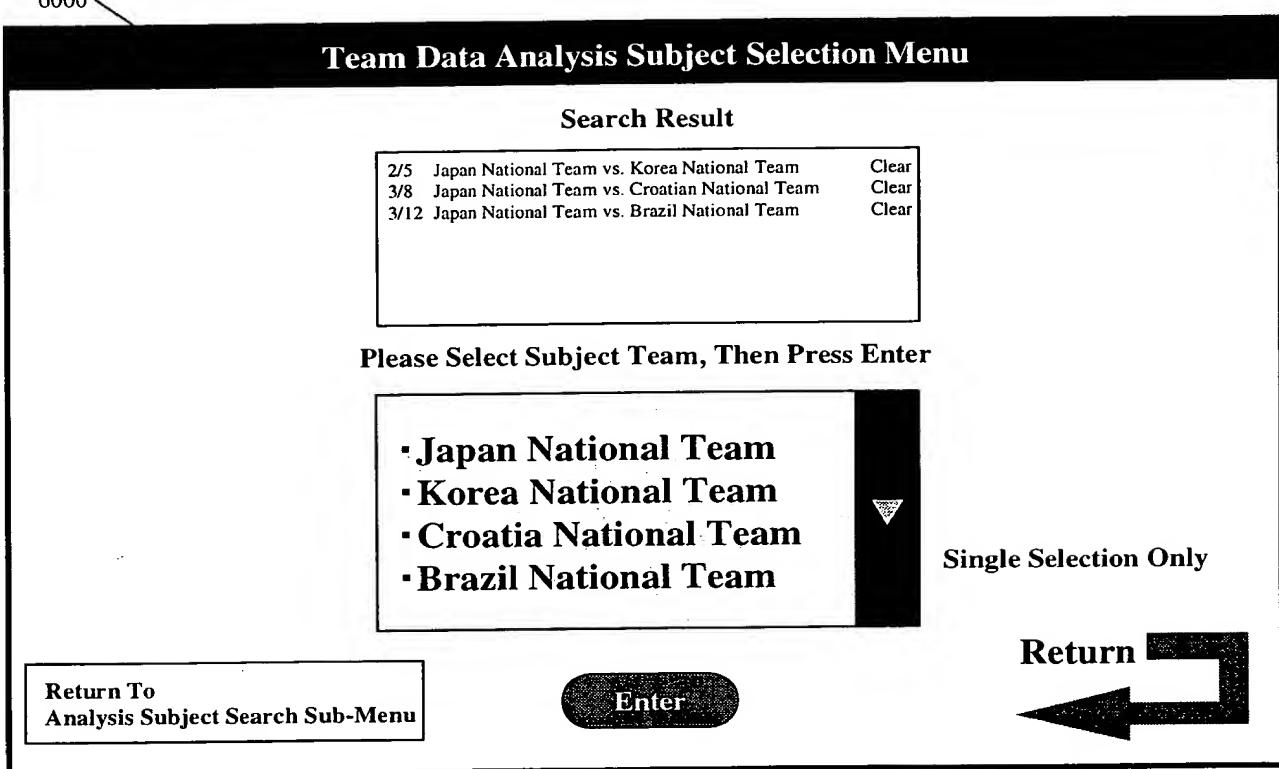


FIG. 66

Individual Data <Nakata>

Jo/ Nakata/ Japan National Team/ Clear Search Result

Nakata's Individual Data Chart

	Pass			Shoot		Foul		Card		Card Obtained		Athletic Ability	
	Att	Comp	Distance	Att	Goal	Made	Obtain	Yellow	Red	Yellow	Red	Distance	Speed
Croatia	15	5	20	5	0	8	2	1	0	2	0	1985	15
Korea	22	9	13	1	1	2	4	1	0	0	1	1210	15
Brazil	13	11	19	0	0	4	1	0	0	0	0	1541	19
Total	50	25	17.3	6	1	14	7	2	0	2	1	1578.7	16.3

6001
Detailed Data6002
Detailed Data6003
Detailed Data

Return

Return To
Analysis Subject Search Sub-Menu

FIG. 67

Individual Play Data

Japan National Team vs Croatia National Team/ National Stadium/ March 8th

Nakata's Individual Play Data Chart <Pass>

Pass List	Time	Pass To	Kicking Foot	Speed	Distance	Direction
1	1:04	J6	R-Inside	36	x	x
2	2:15	J5	L-Outside	14	15	Left
3	5:11	J6	R-Inside	44	42	Left
4	5:15	J7	R-Inside	57	x	x
5	6:17	J11	R-Inside	14	8	Left
6	12:44	J1	R-Inside	66	x	x
7	19:24	J7	R-Inside	11	x	x
8	31:00	J7	R-Inside	14	5	Left
9	33:47	J7	R-Inside	72	x	x
10	36:19	J6	L-Inside	19	3	Left

Return To
Analysis Subject Search Sub-Menu

Play List

7001

Return



46/73

FIG. 68

Data <J Team>

Japan National Team Data Chart																																							
	Pass			Shoot			Foul			Card		Card		Obsta		Athleti		Ball		TB		Ble		Dis		Offside		FK		CK		Top&Bot							
	Att.	Comp	Dist	Att.	Comp	OB	Goal	Made	DBtsai	Yellow	Red	Yellow	Red	stan	Spac	Total	Ctrl	Rate	Offside	Side	Total	ct S	Totals	Right	Left	Shoot													
V S C R O	J P N	310	161	20.6	5	1	4	0	18	12	3	0	8	3	15.8	15.1	588	37.8	0.3	8	3	17	3	5	3	3	4	35											
C R O	C P O	488	380	24.3	16	11	5	2	12	19	2	0	5	0	18.8	17.7	906	62.2	1.1	5	8	27	14	8	6	2	2	22											
V S A R G	J P N	254	151	19.8	8	1	6	0	26	11	5	1	3	0	18.1	14.2	502	33.2	0.2	3	4	22	3	2	1	1	0	38											
A R G	R R G	511	306	12.1	23	11	12	1	11	26	3	0	5	1	20.1	19.1	1011	66.6	1.9	11	8	33	19	14	12	2	5	28											
V S J A M	J A M	499	298	14.2	22	5	17	3	9	7	0	0	0	0	18.1	18.2	751	64.5	0.8	2	9	16	5	12	3	8	7	28											
J A M	A M M	212	107	26.3	7	2	5	2	7	9	0	0	0	0	14.3	11.6	413	35.6	0.1	9	0	11	1	3	1	2	0	41											
	Pass			Shoot			Foul			Card		Card		Obsta		Athleti		Ball		TB		Ble		Dis		Offside		FK		CK		Top&Bot							
	Att.	Comp	Dist	Att.	Comp	OB	Goal	Made	DBtsai	Yellow	Red	Yellow	Red	stan	Spac	Total	Ctrl	Rate	Offside	Side	Total	ct S	Totals	Right	Left	Shoot													
J P N	1072	610	20.6	35	7	27	3	54	30	8	1	5	0	50.1	15.2	1841	-	1.3	17	18	55	15	19	6	13	11	33												

8001
Detailed Data

8002
Detailed Data

8003
Detailed Data

Return

Return To
Analysis Subject Search Sub-Menu

FIG. 69

Team Play Data <Pass>

Japan National Team vs Croatia National Team/ National Stadium/ March 8th								
Japan National Team Play Data Chart <Pass>								
Pass List	Time	Pass To	Pass By	Kicking Foot	Speed	Distance	Direction	
1	1:04	Yamaguchi	x	R-Inside	36	x	x	
2	2:15	Nanami	Nakayama	L-Outside	14	15	Left	
3	5:11	Yamaguchi	Nakata	R-Inside	44	42	Left	
4	5:15	Nakata	x	R-Inside	57	x	x	
5	6:17	Nakayama	Soma	R-Inside	14	8	Left	
6	12:44	Kawaguchi	x	R-Inside	66	x	x	
7	19:24	Nakata	x	R-Inside	11	x	x	
8	31:00	Jō	Nakayama	R-Inside	14	5	Left	
9	33:47	Nakata	x	R-Inside	72	x	x	
10	36:19	Yamaguchi	Nanami	L-Inside	19	3	Left	

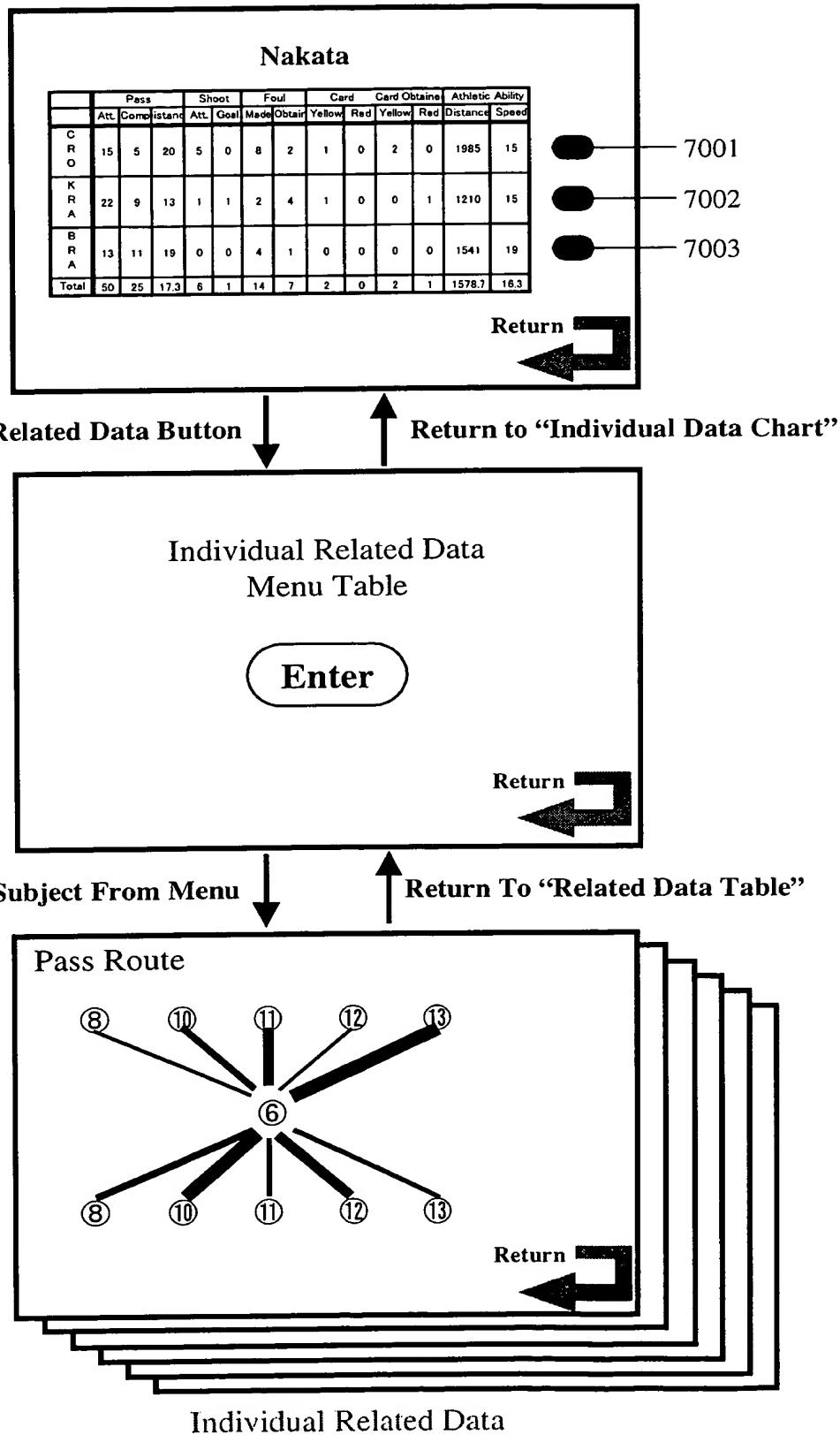
Return To
Analysis Subject Search Sub-Menu

Play List

7001

Return

FIG. 70
Individual Data



48/73

FIG. 71

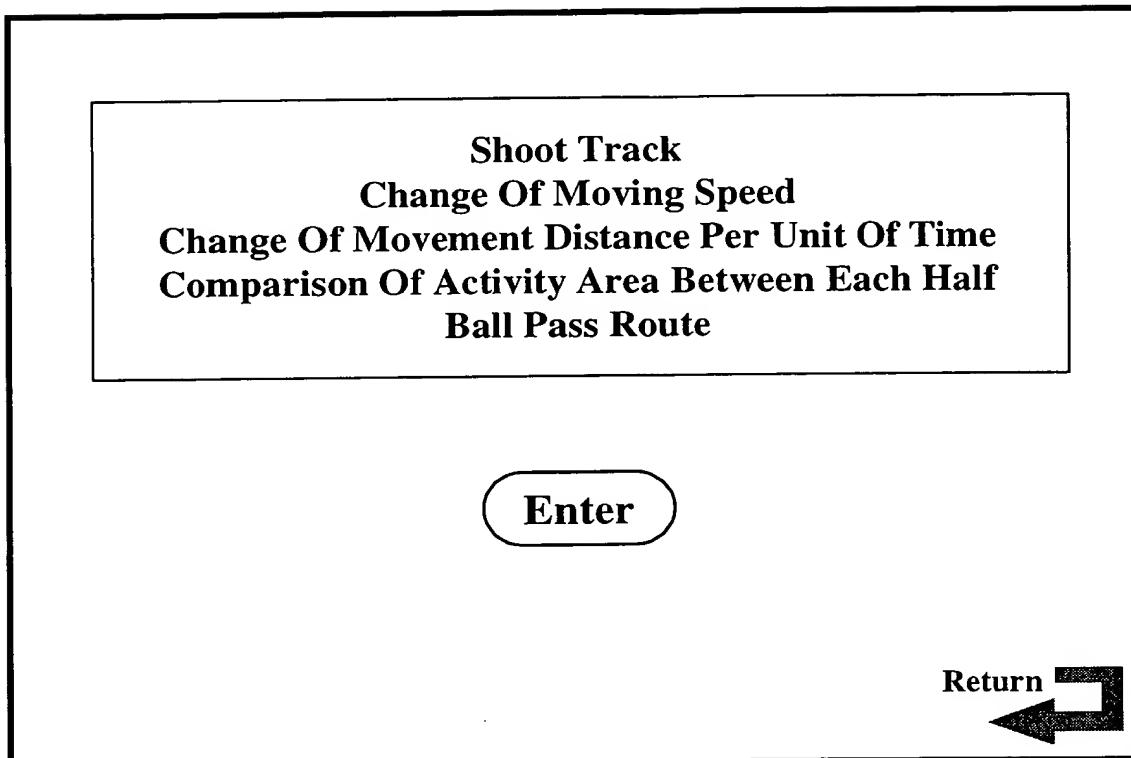


FIG. 72

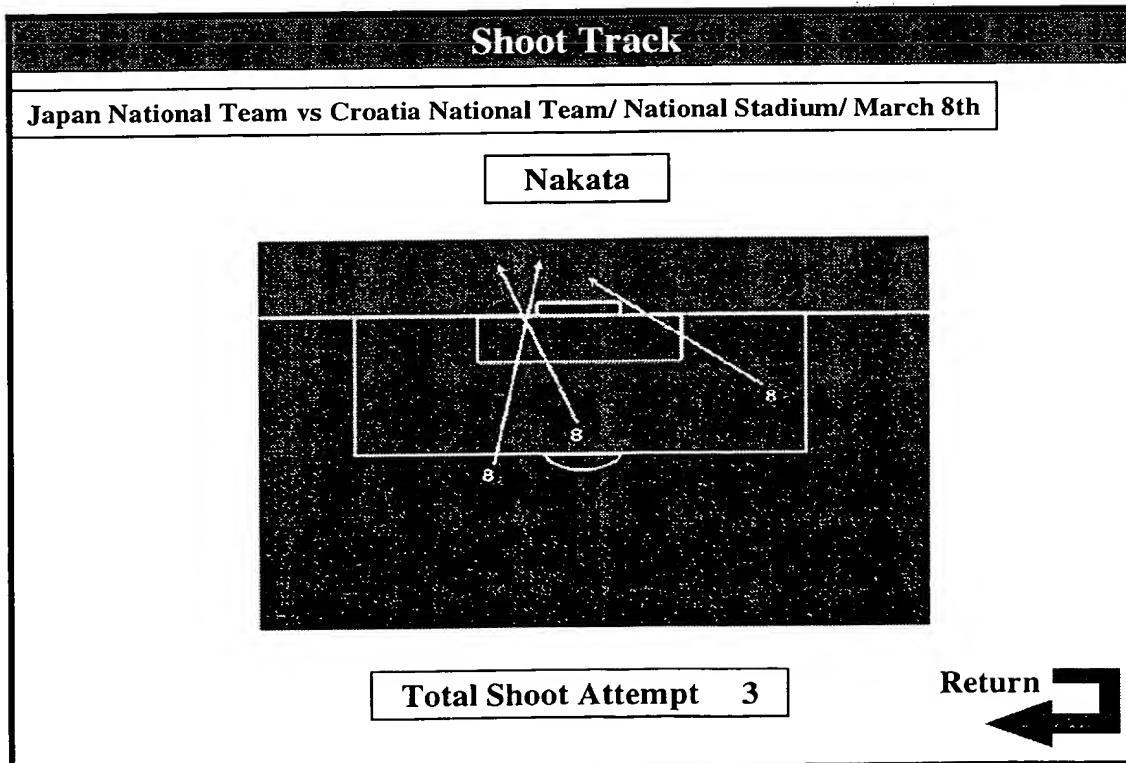


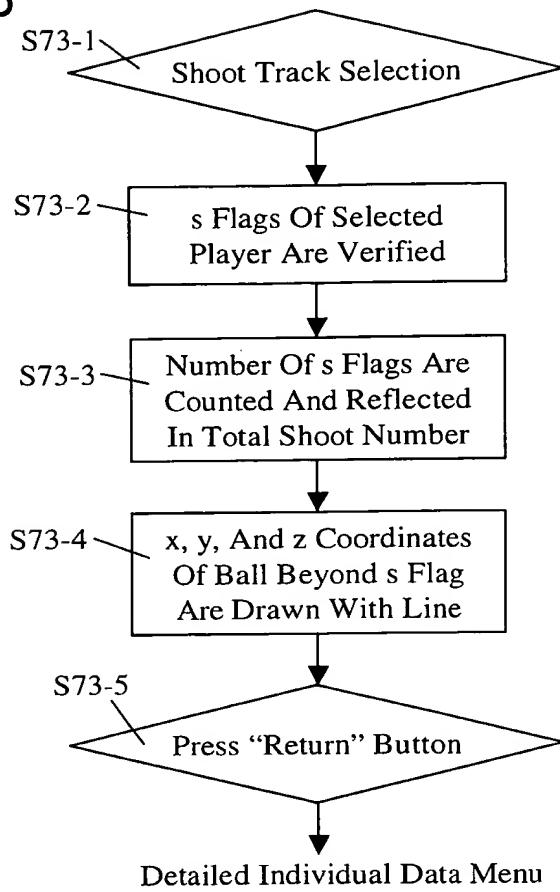
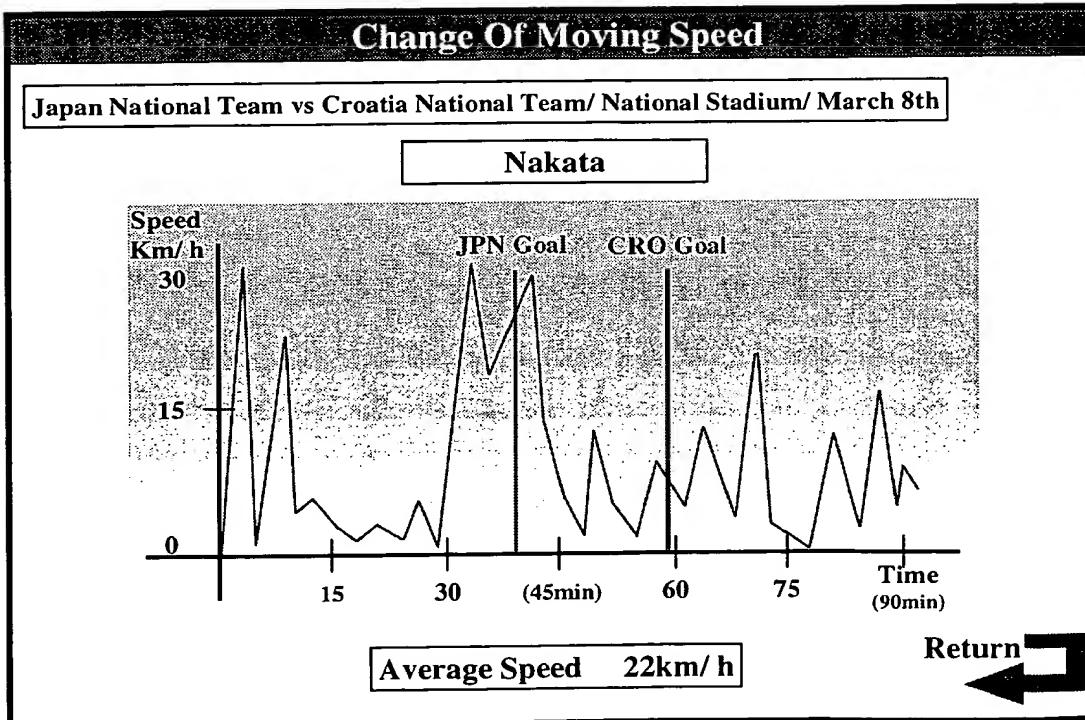
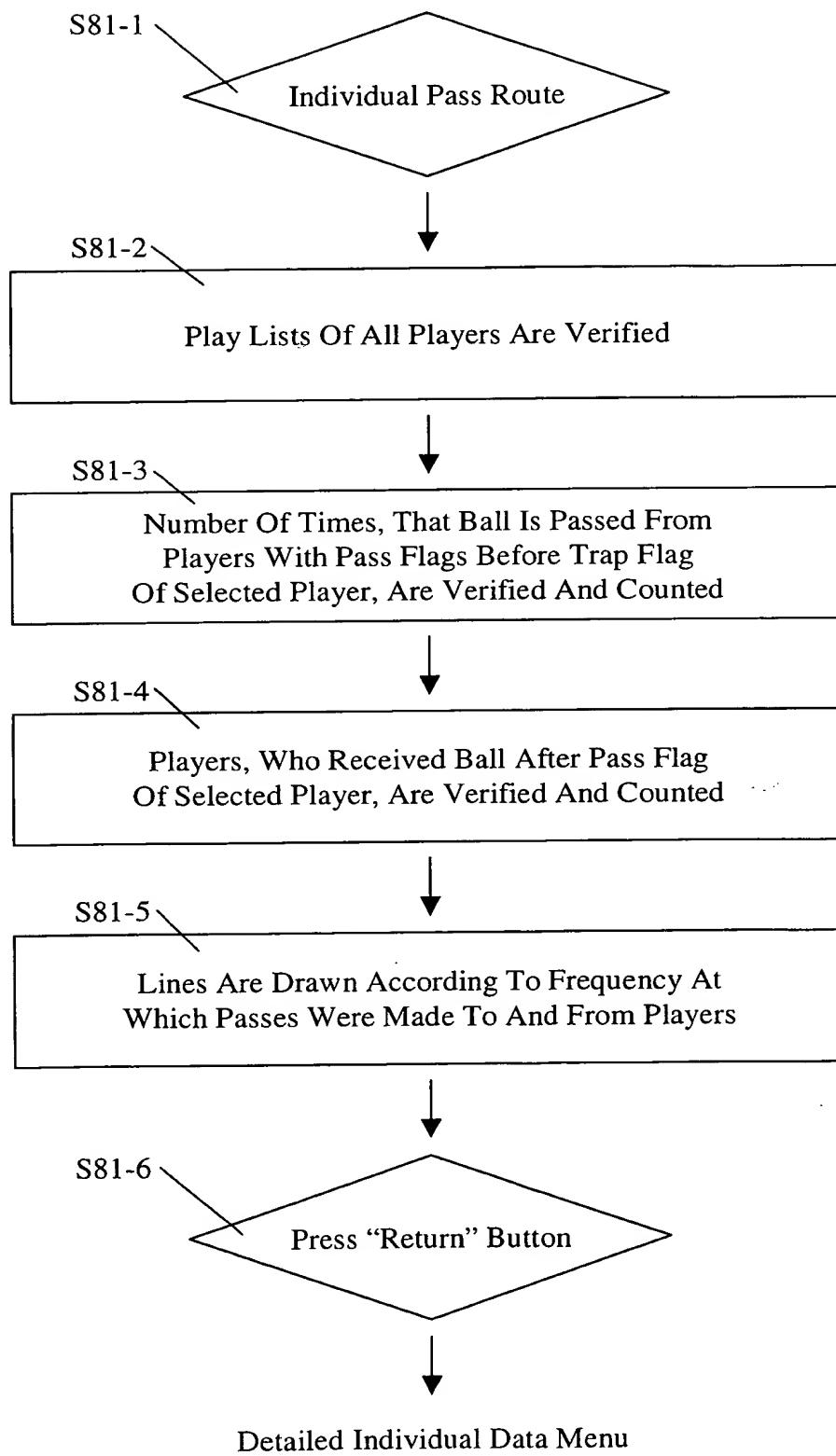
FIG. 73**FIG. 74**

FIG. 81



Detailed Individual Data Menu

FIG. 82
Team Data

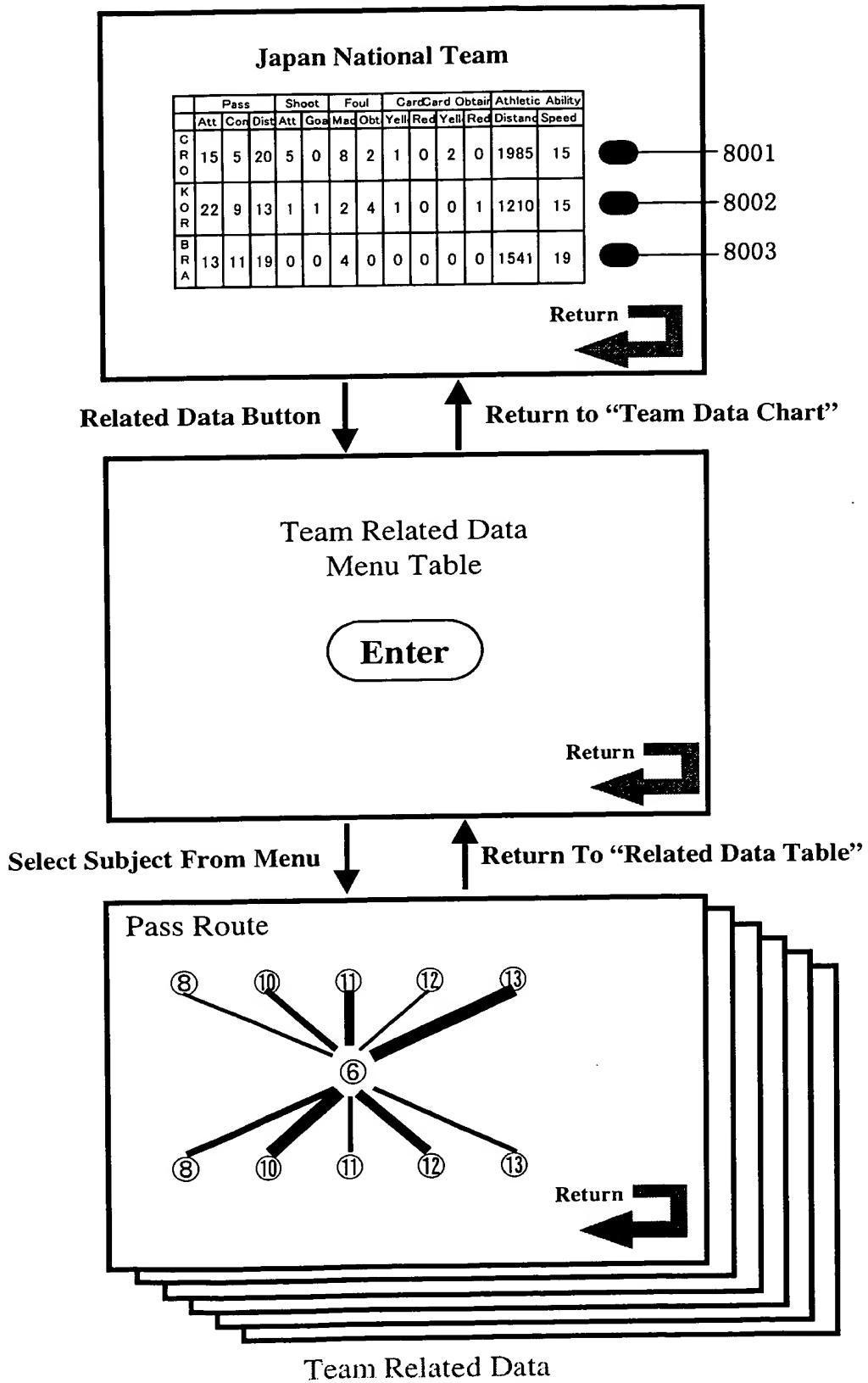


FIG. 83

**Zone Distribution Of Committed Foul
Shoot Side Tendency
Shoot Track Line Diagram
Shoot Distance Tendency
Change Of Distance Between Top And Bottom Lines Of Defense
Defense/ Offense Tendency
Ball Control Rate Change
Ball Control Rate By Zone
Ball Rotation Track During Offense
Pass Route Lines**

Enter

Return 

FIG. 84

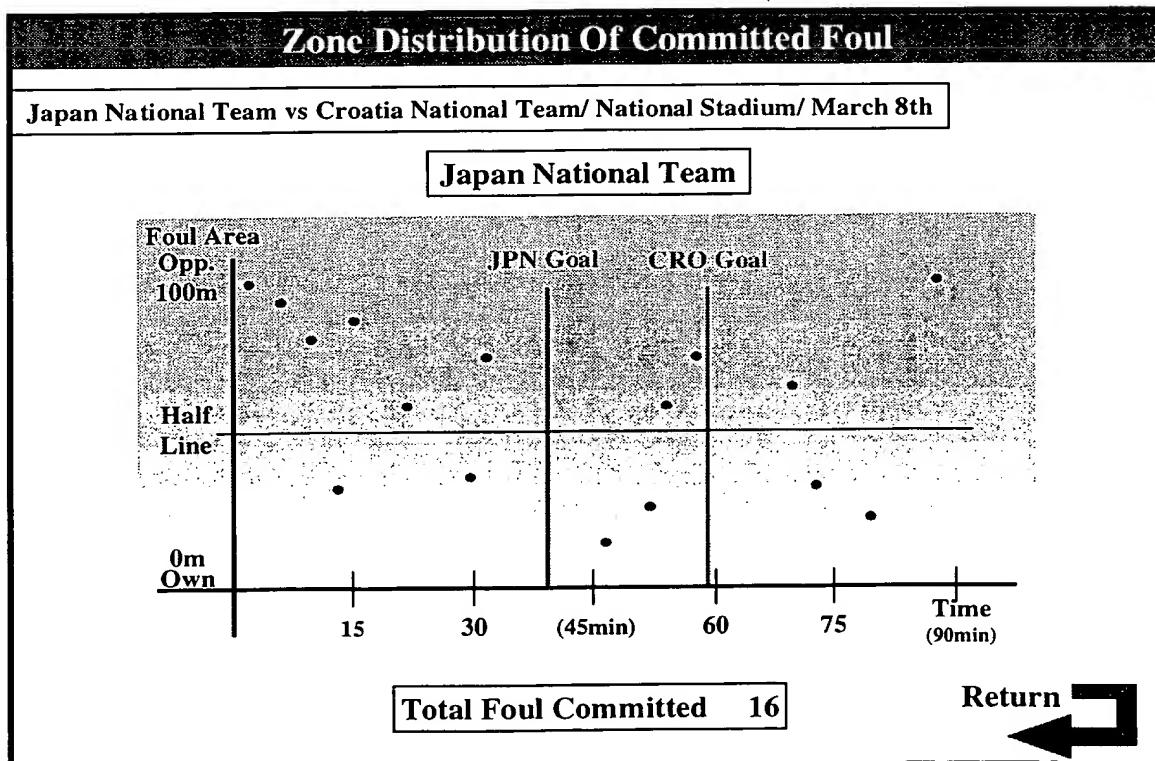


FIG. 89

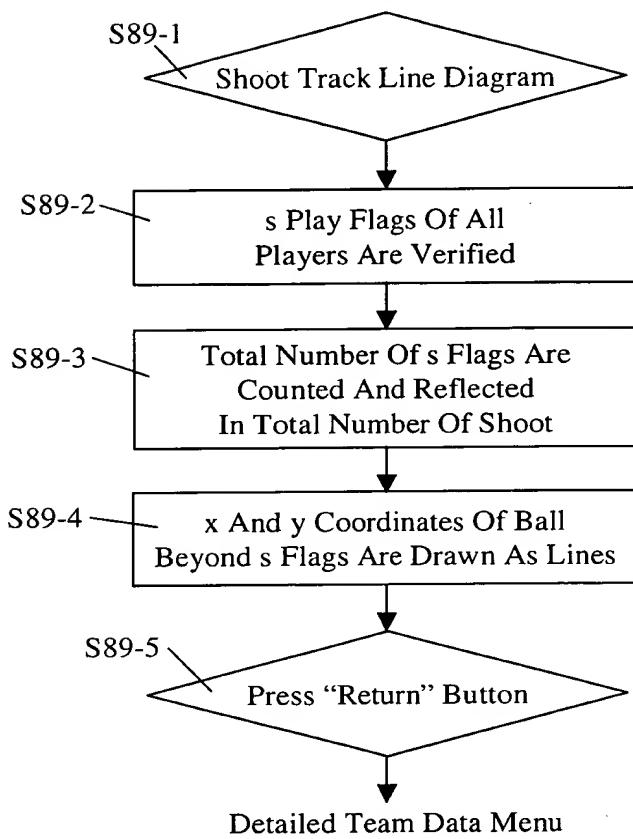


FIG. 90

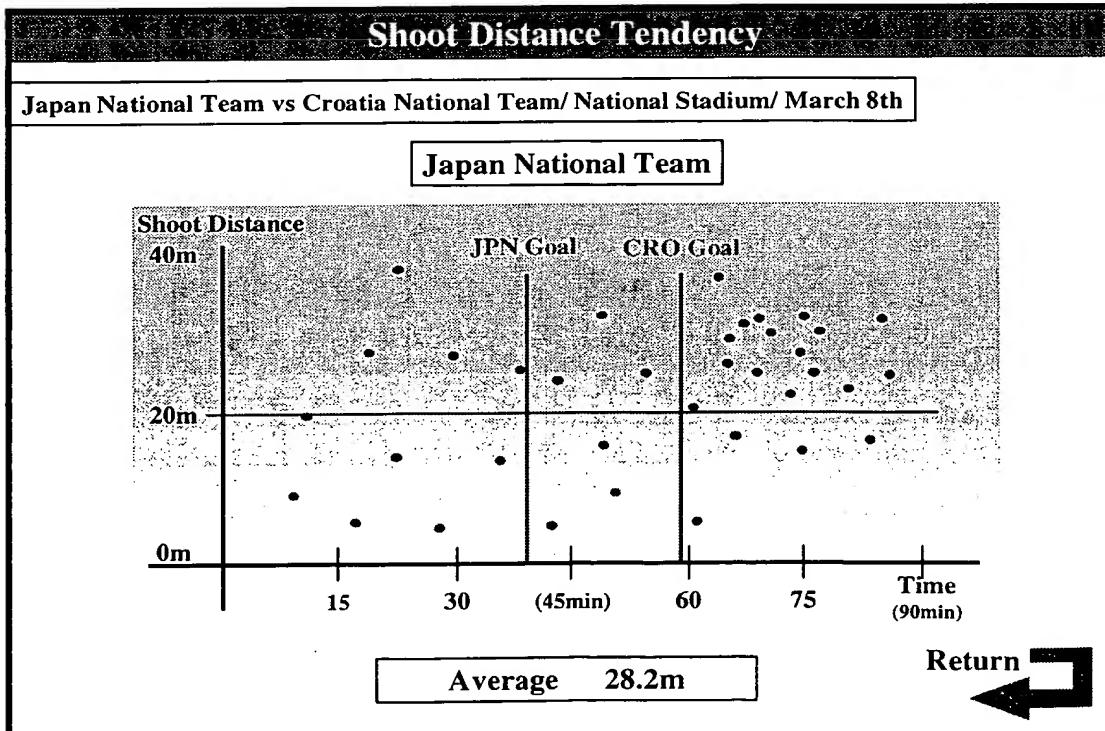


FIG. 78

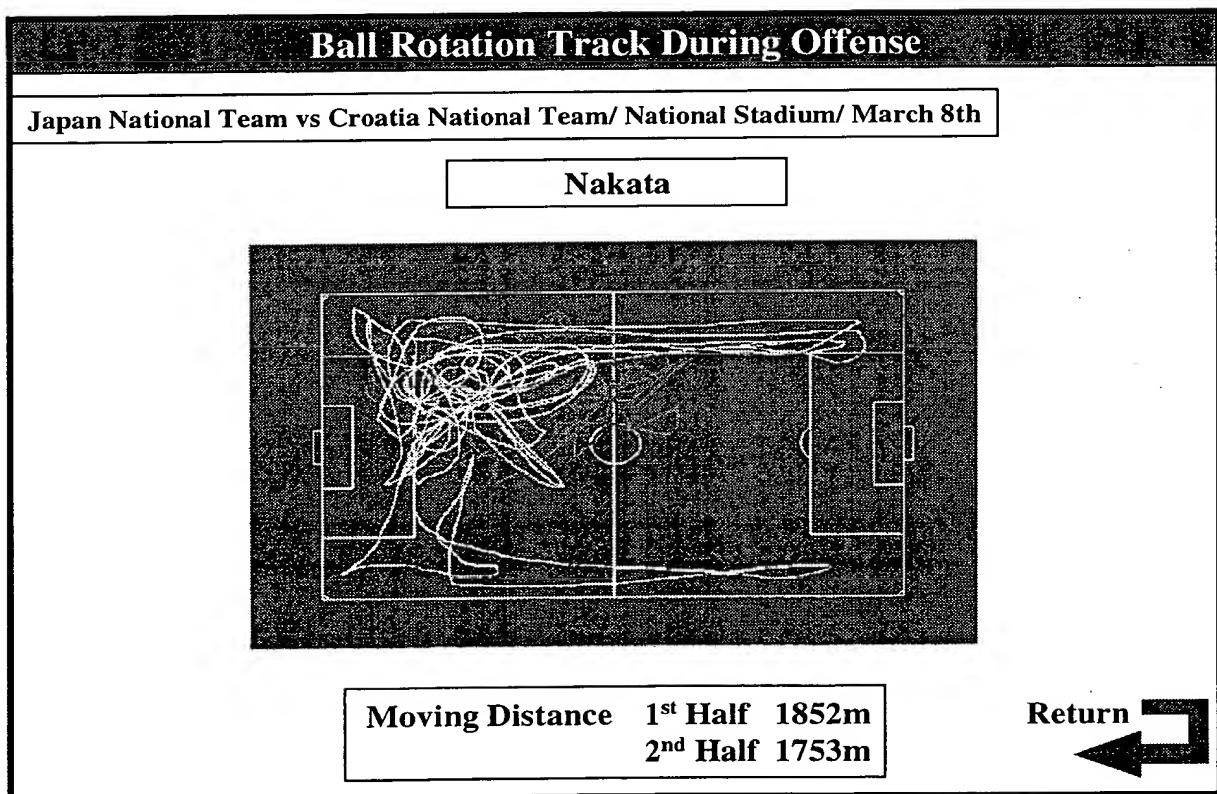


FIG. 95

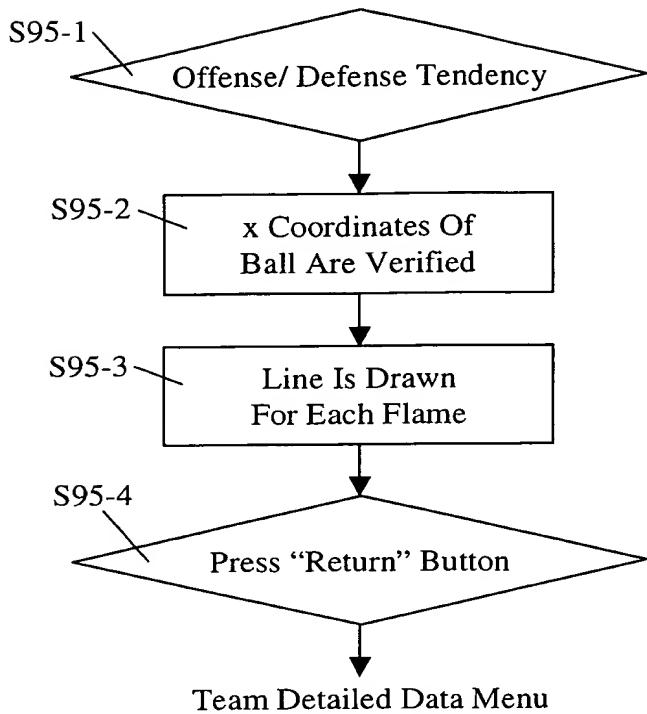


FIG. 96

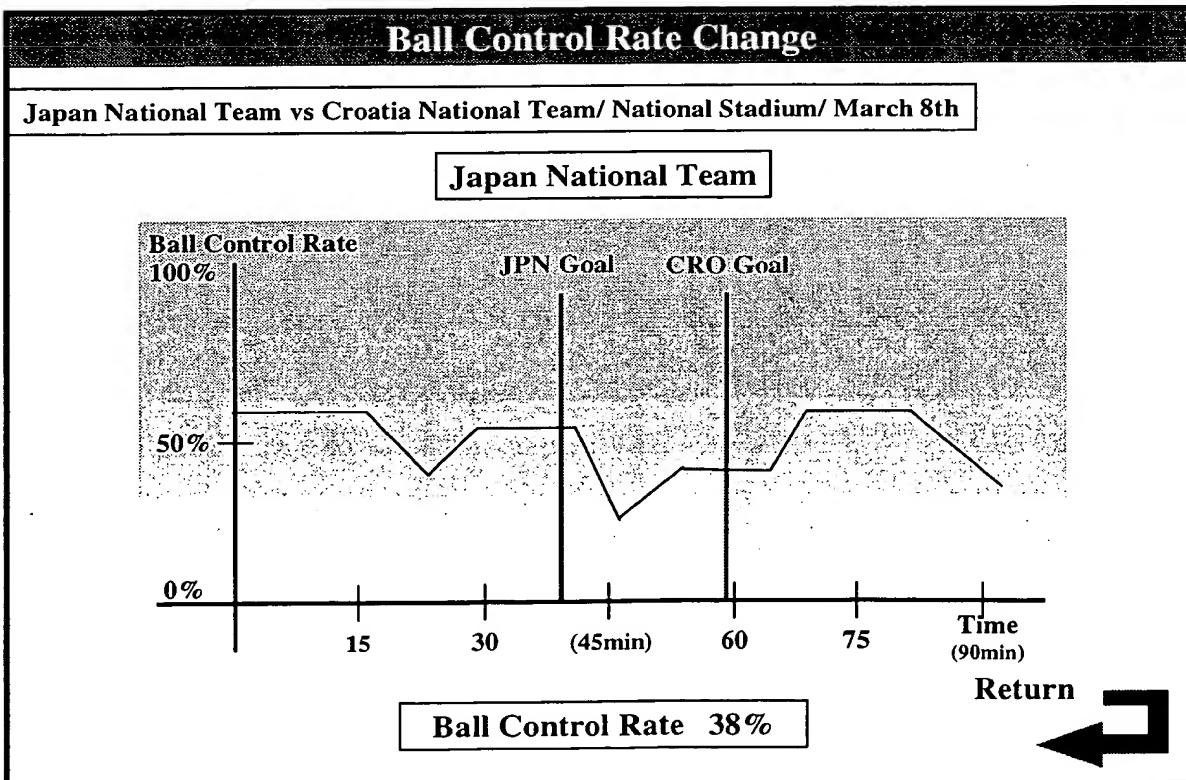


FIG. 97

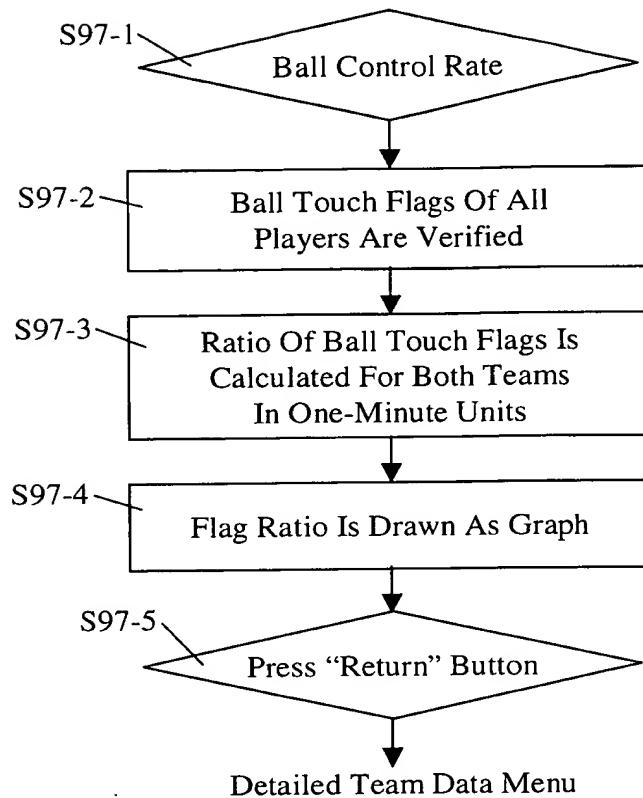


FIG. 98

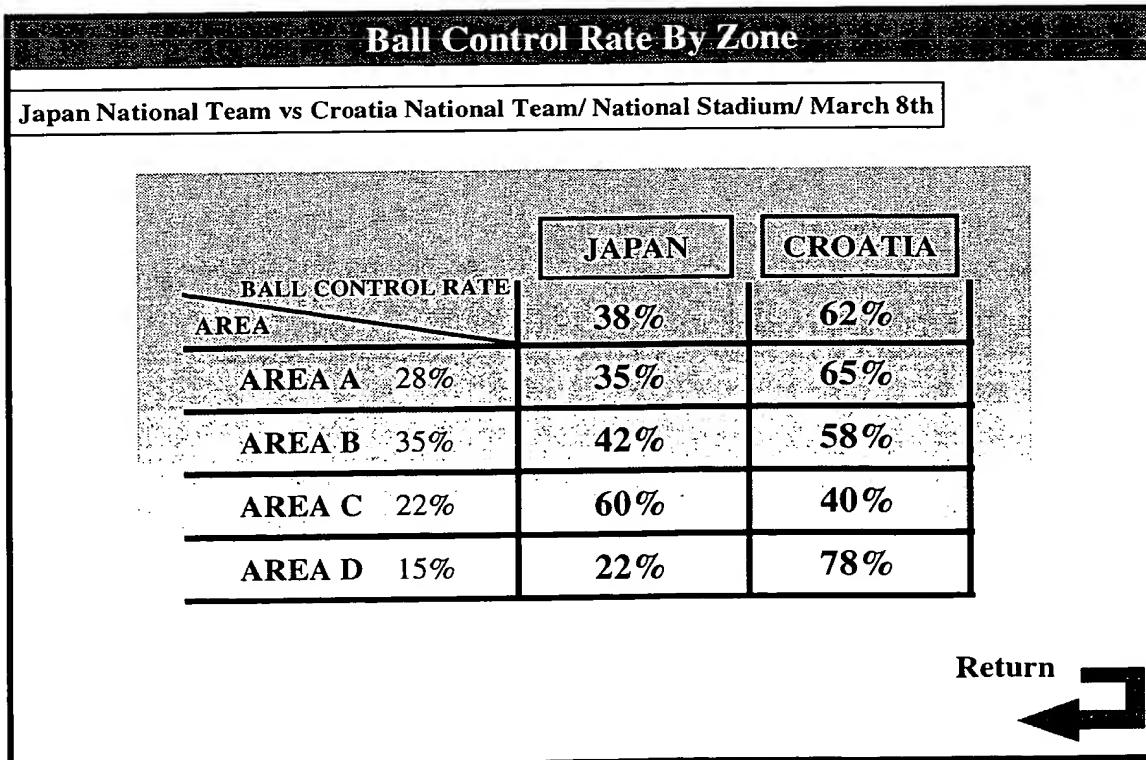


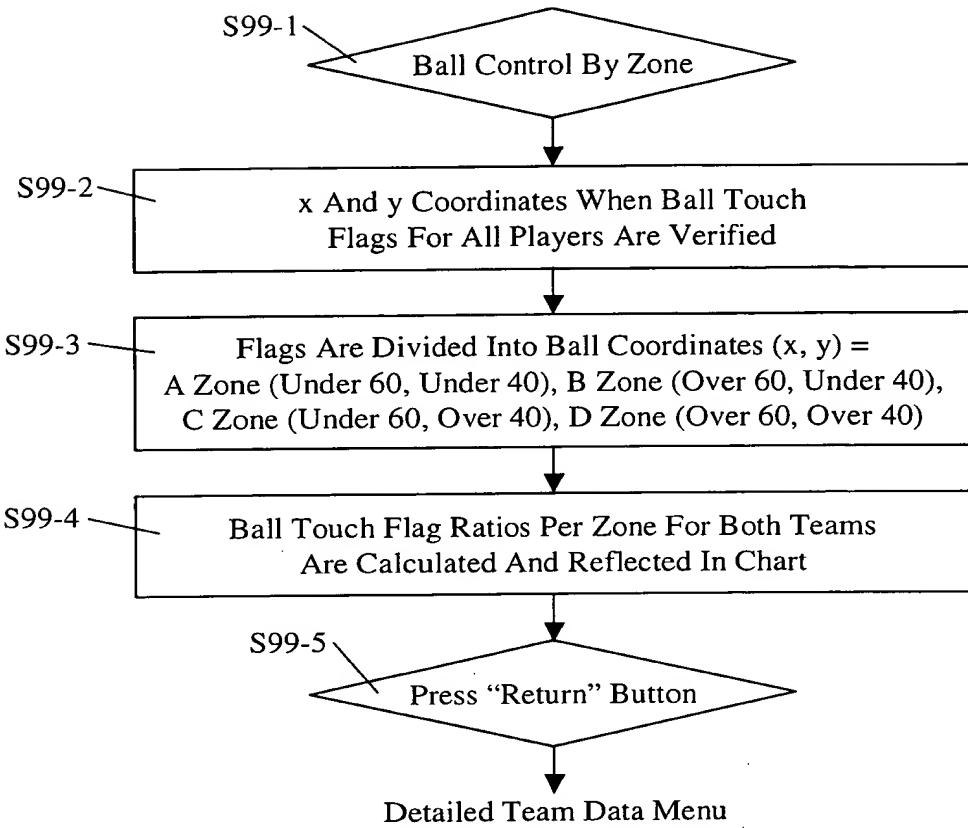
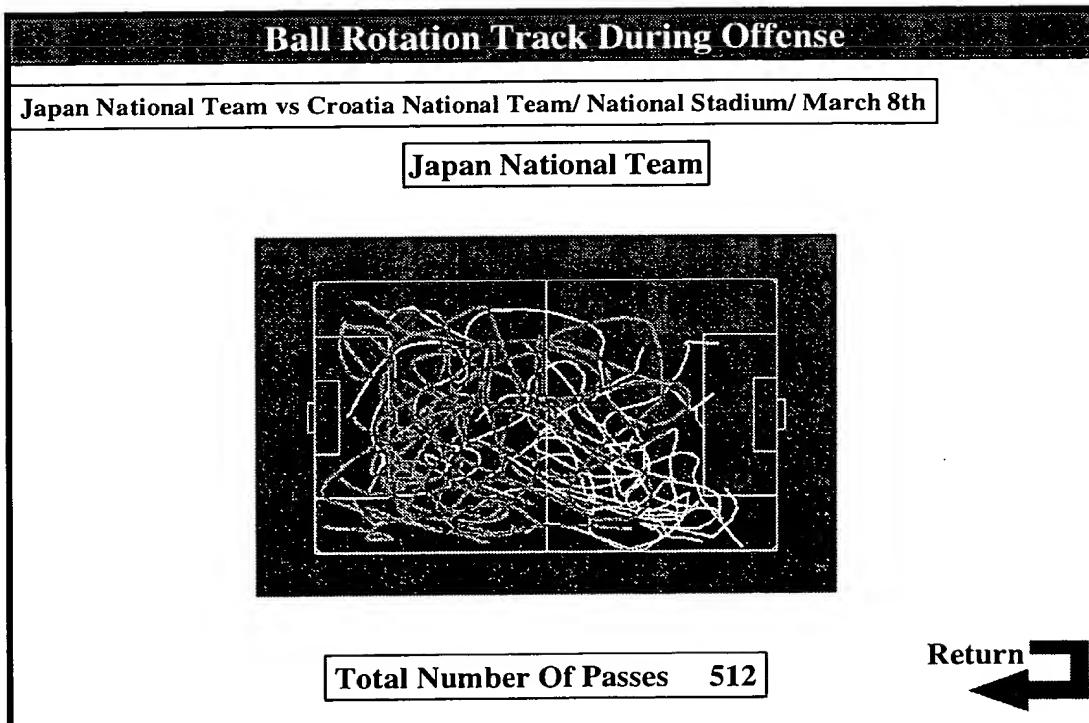
FIG. 99**FIG. 100**

FIG. 101

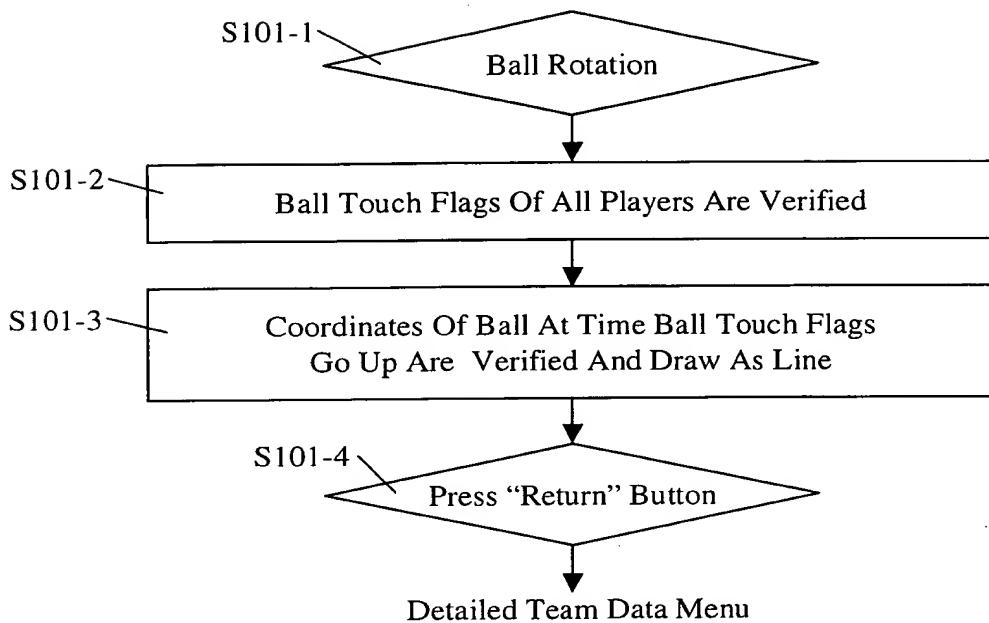


FIG. 102

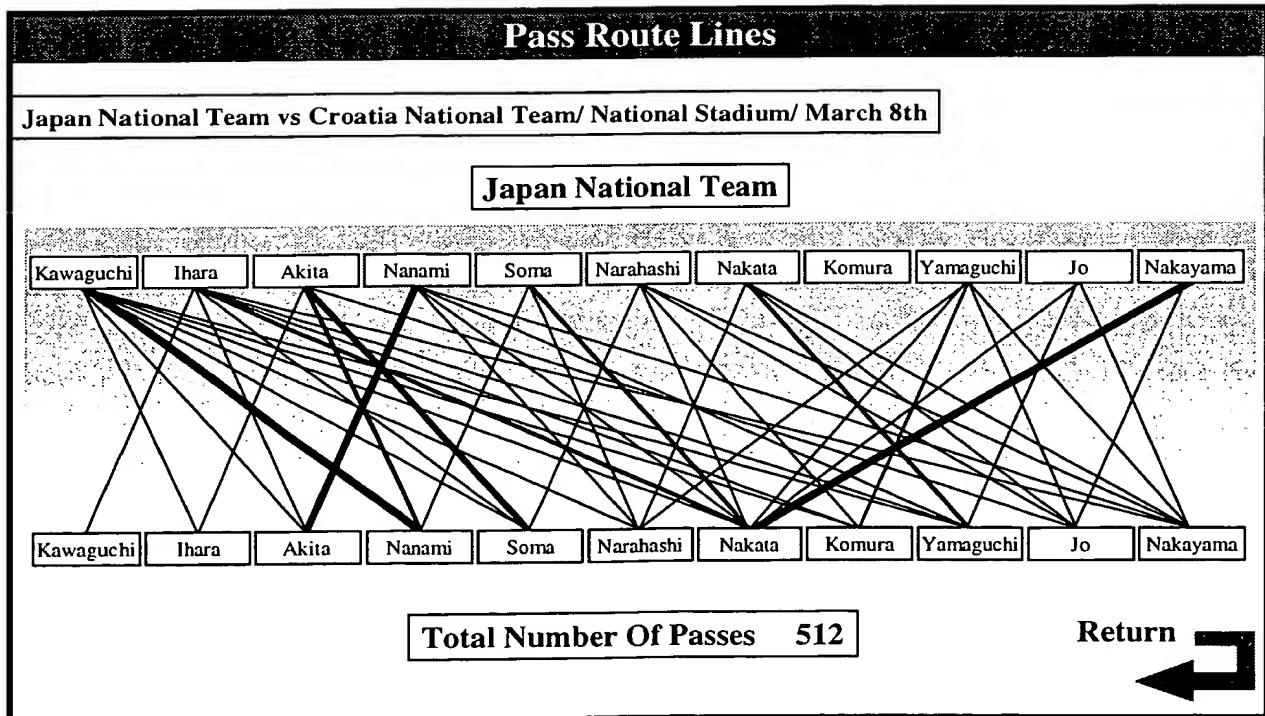
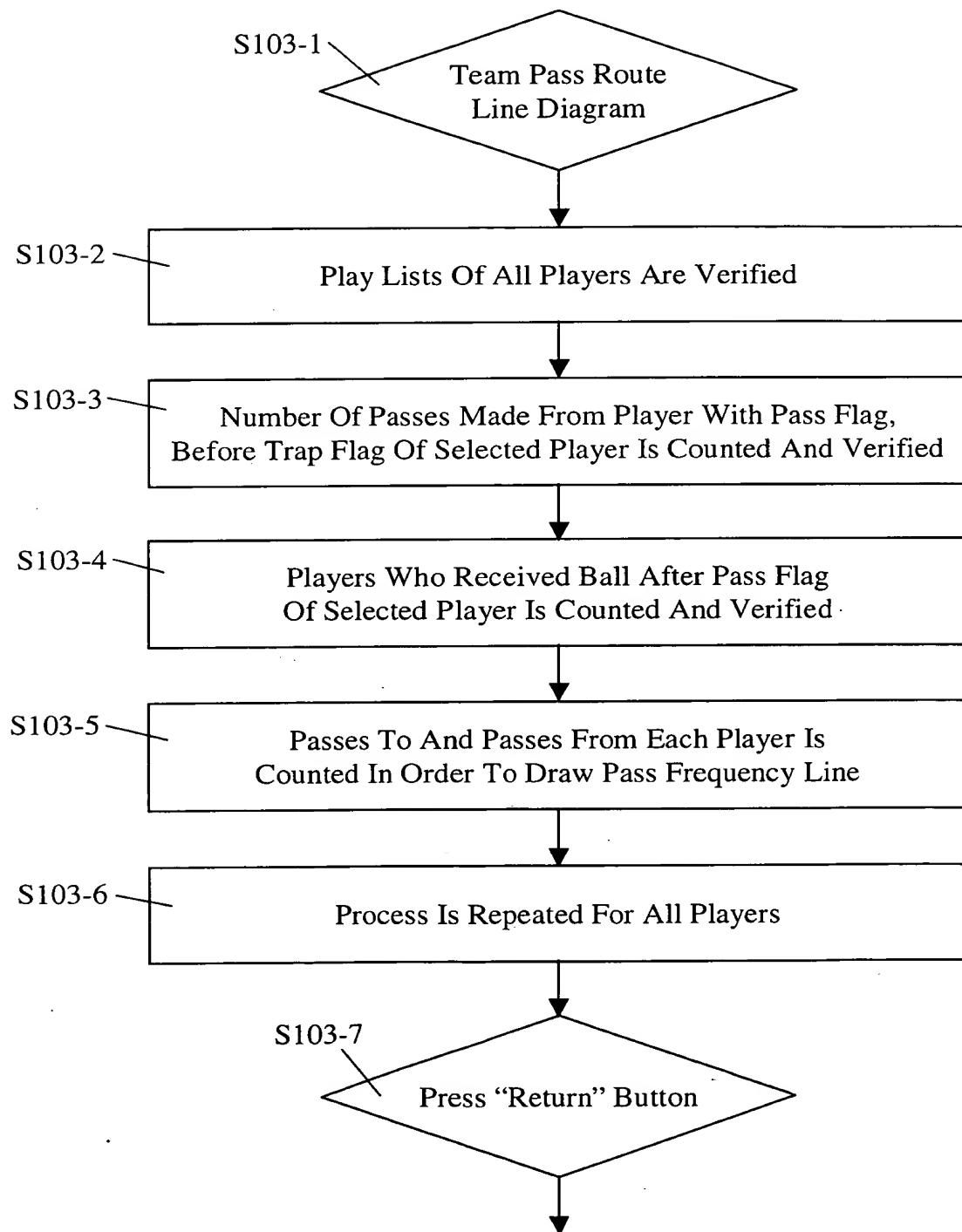
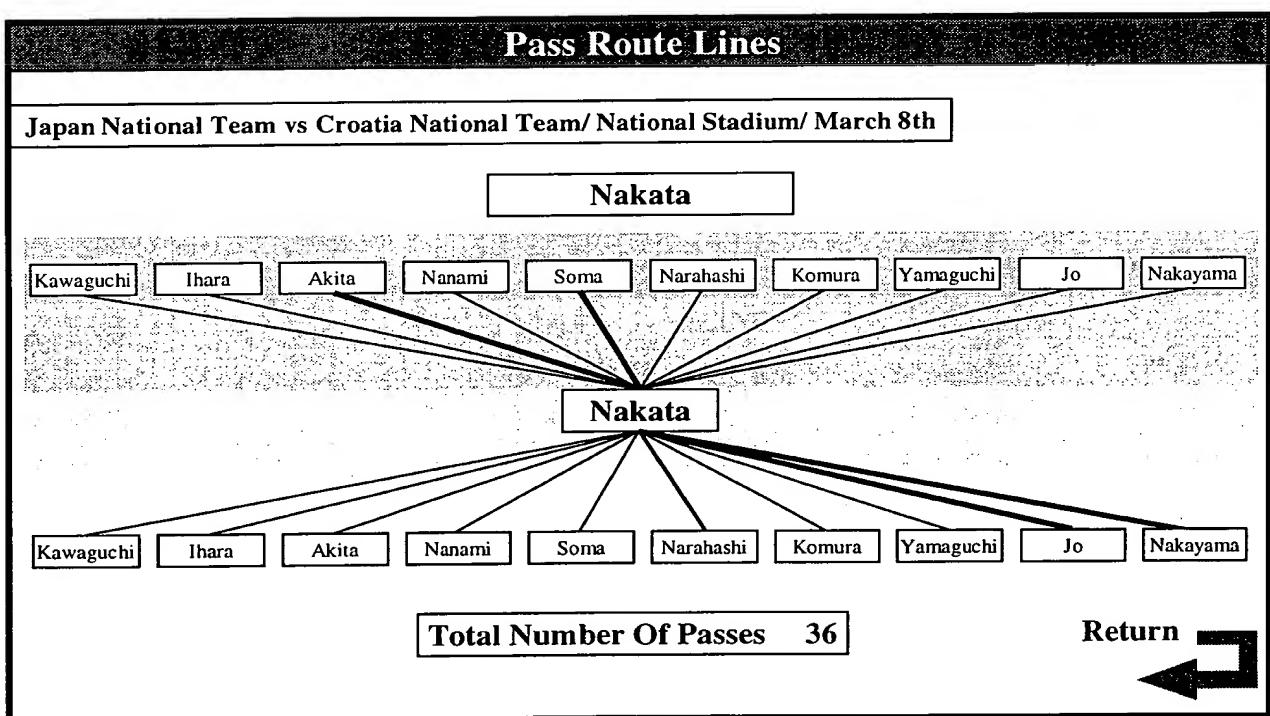


FIG. 103

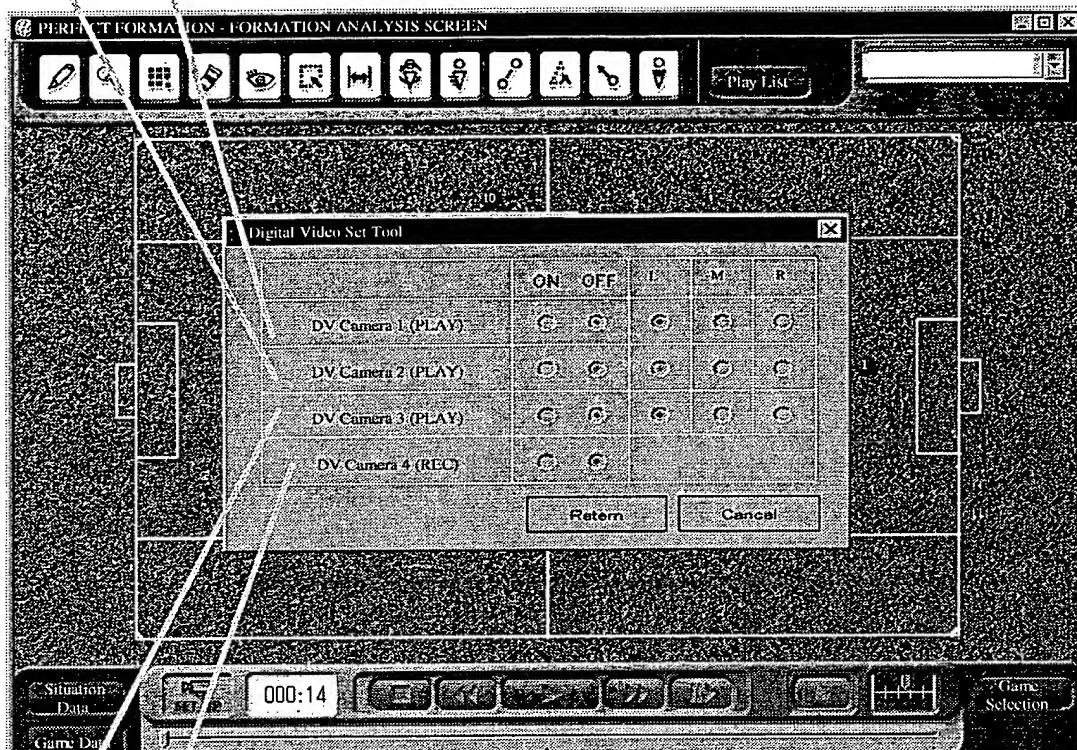


Detailed Individual Data Menu

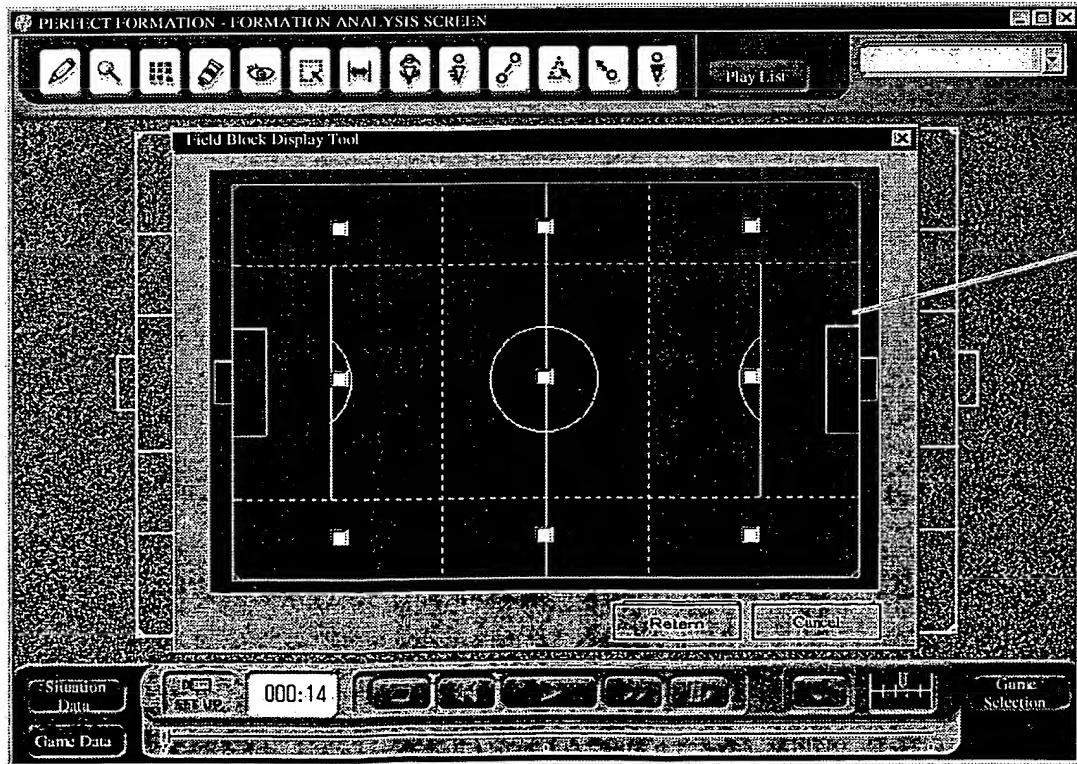
FIG. 104



105b 105a

FIG. 105

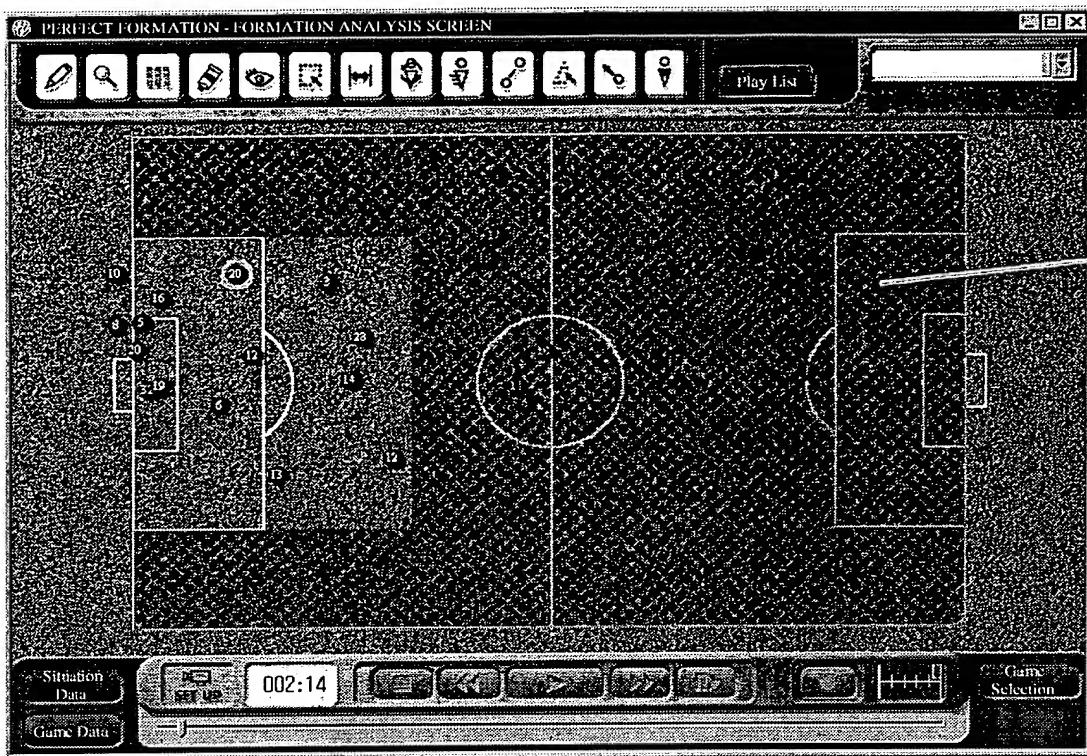
105c 105d

FIG. 106

106b

69/73

FIG. 107



107a

FIG. 108

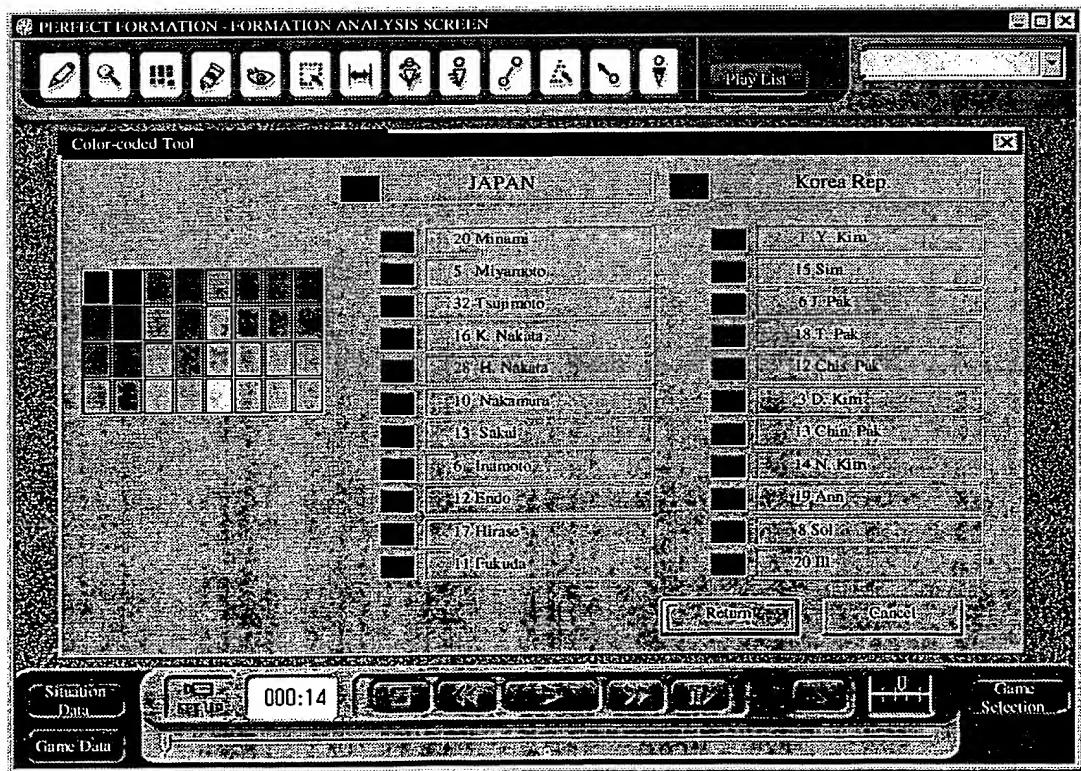
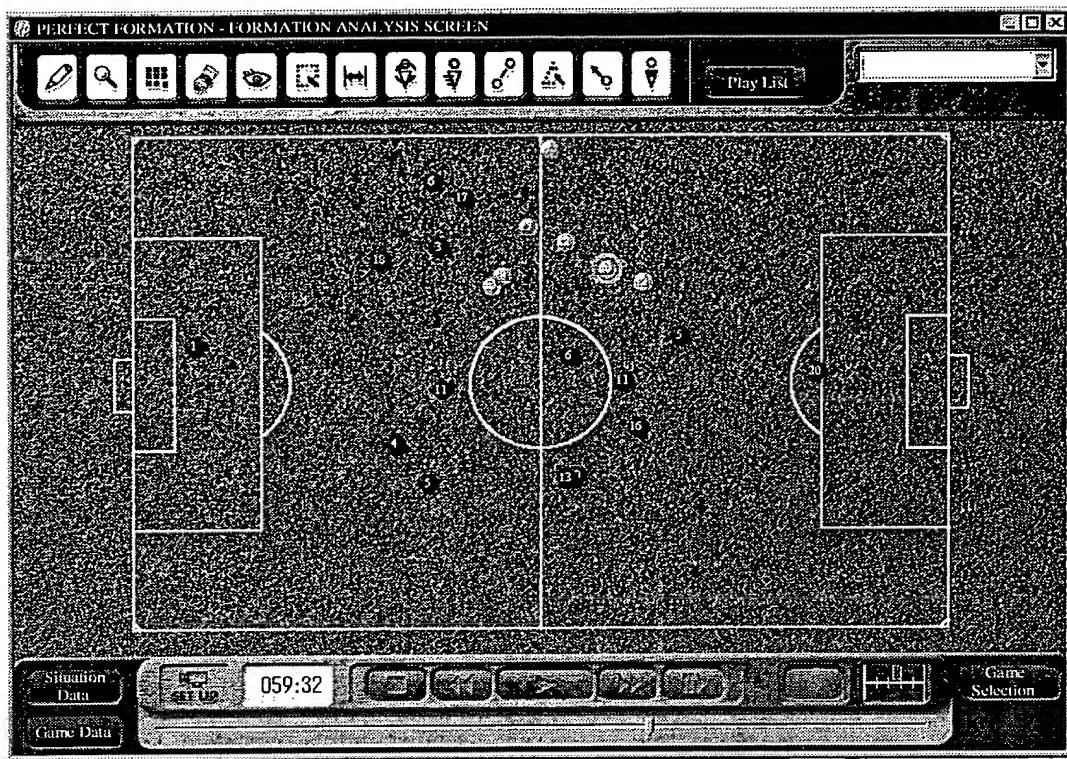


FIG. 109



110c

FIG. 109

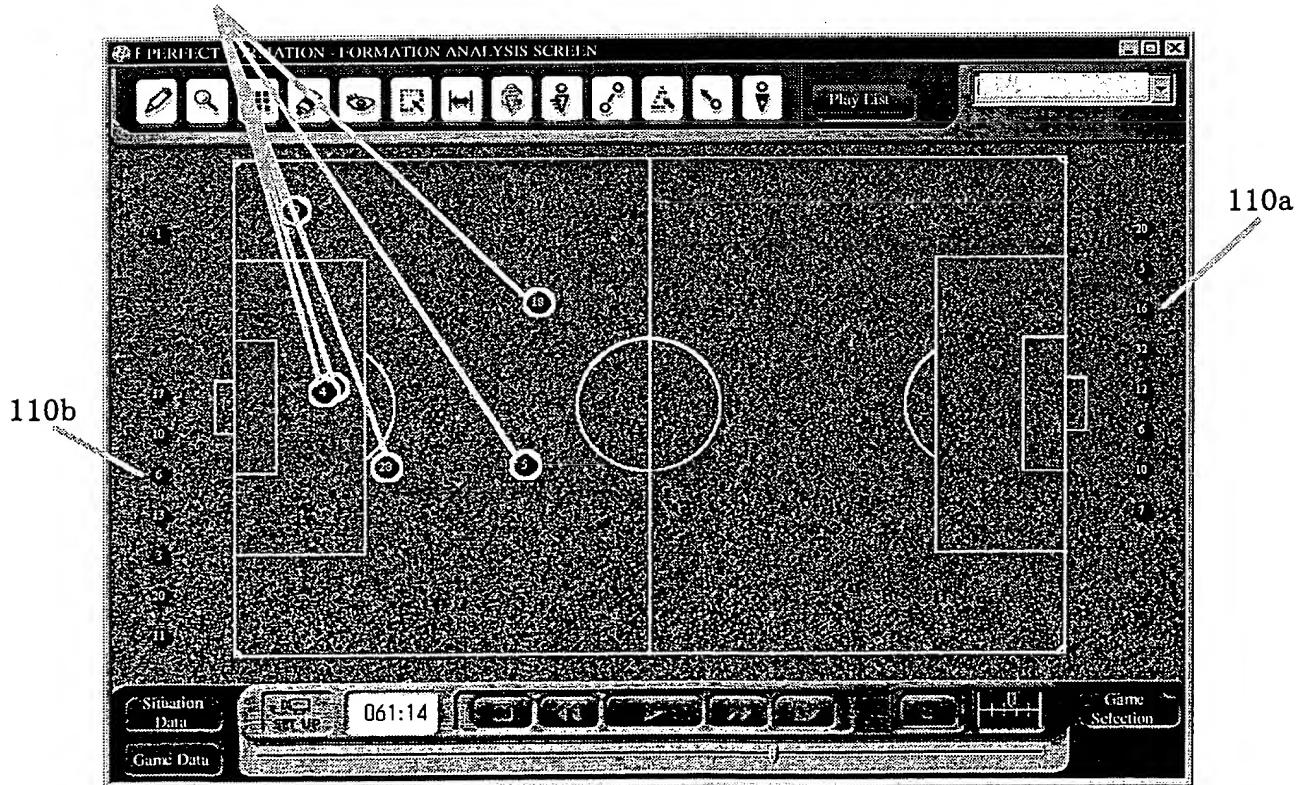


FIG. 111

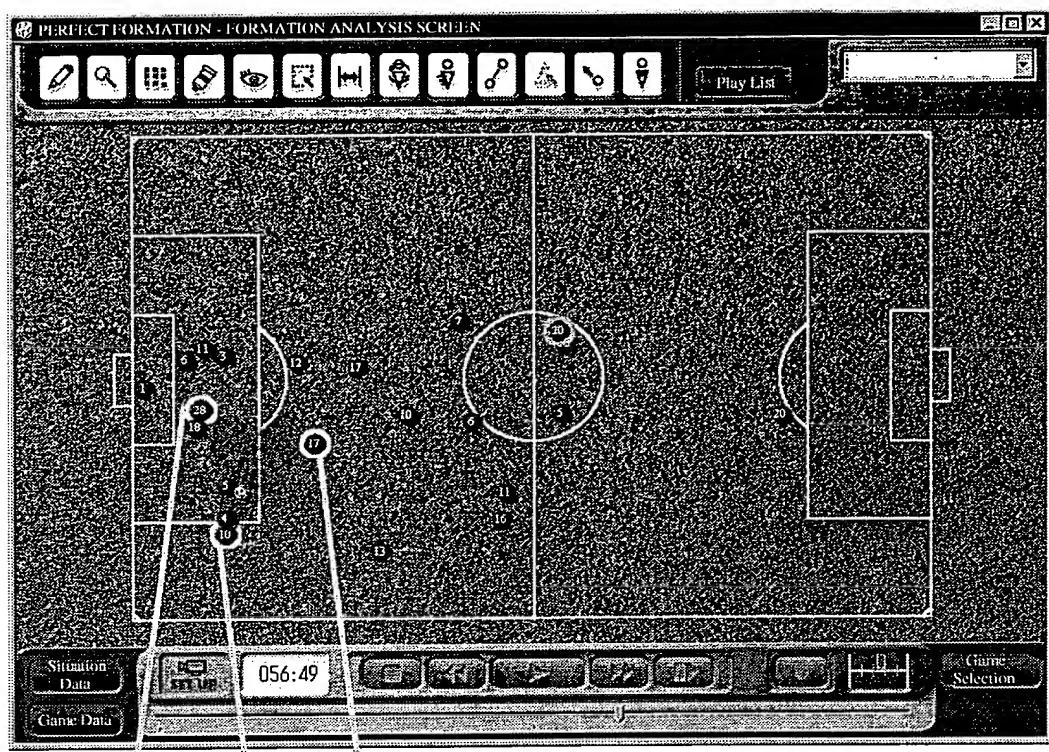


FIG. 113

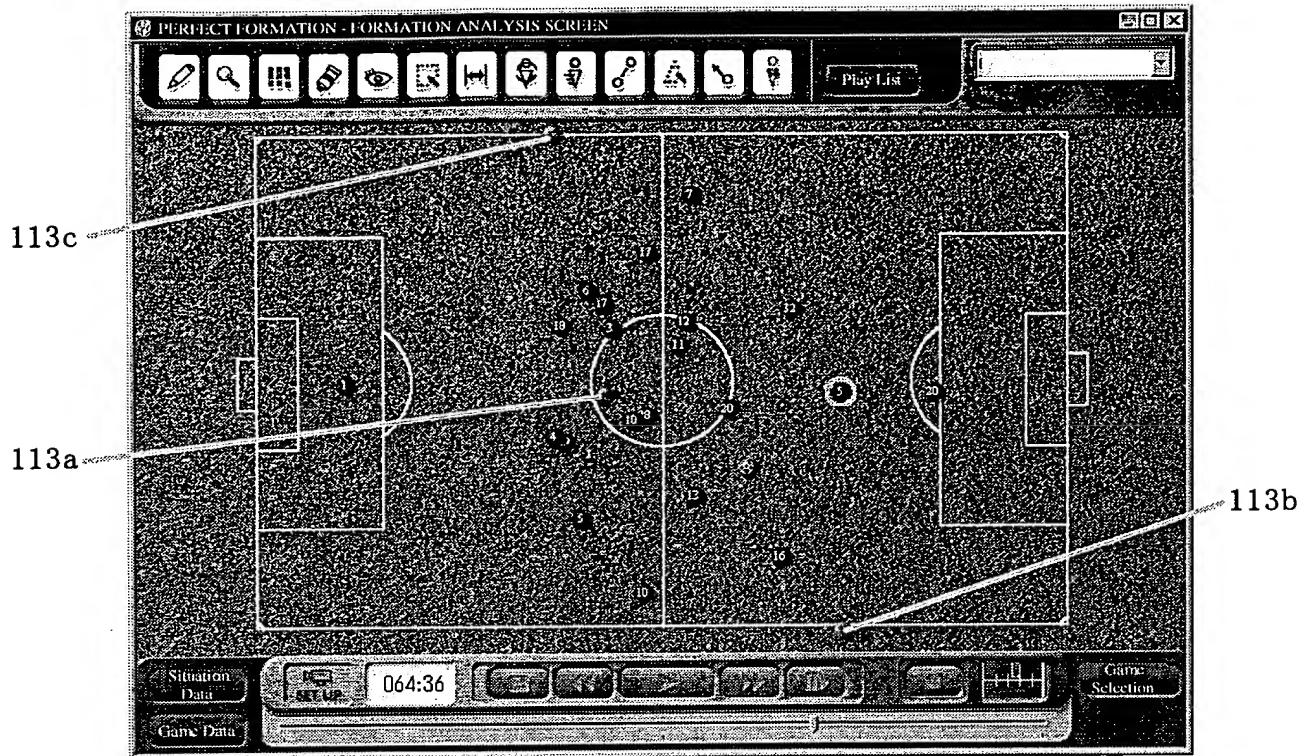


FIG. 114

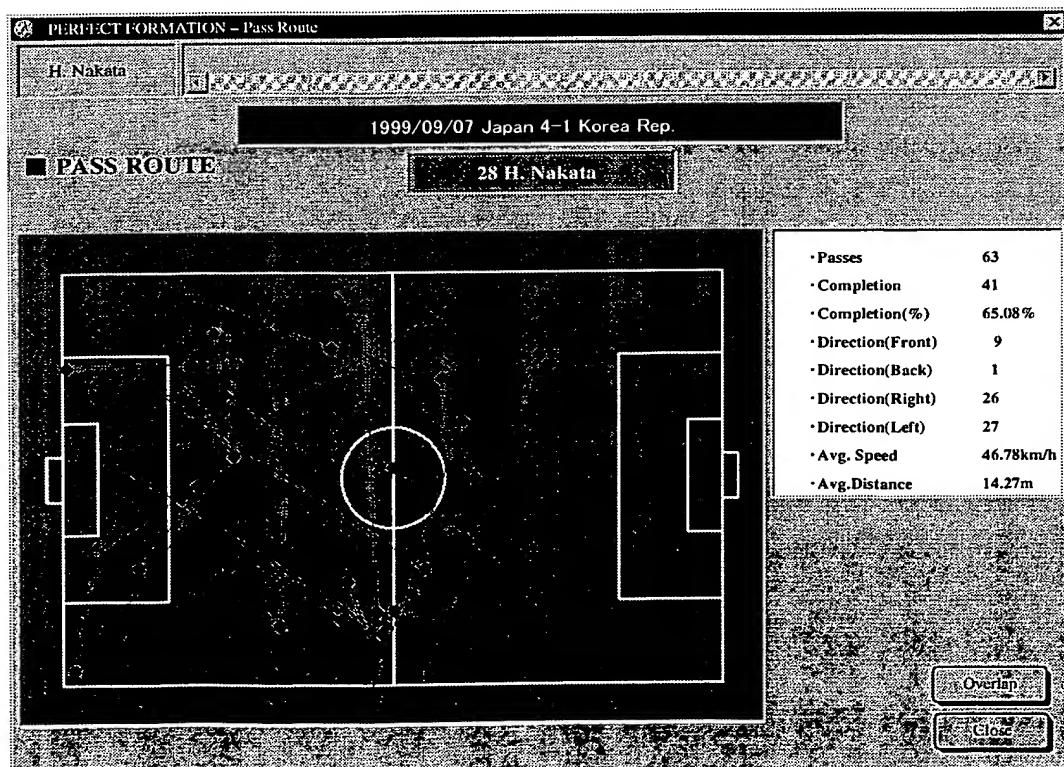


FIG. 115

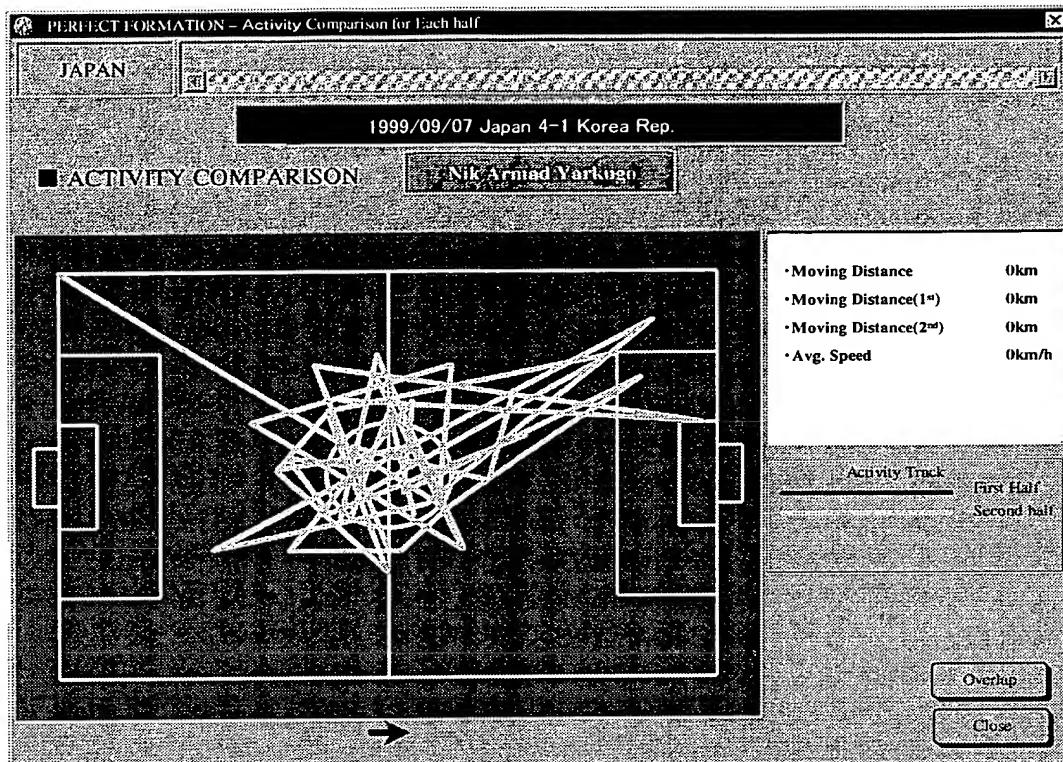


FIG. 116

